













no. 1913 - 4200 Mexico - 1897

(3)

Mex + Miscal Call + Local  
1897-1901

3794-3999 Blanks!

Change on spine

1913-4200

Greenhouse plants



Plants of Mexico.  
J. N. Rose.

~~707~~

1893-1897

Wyo Mont  
Mont.

1917  
Rose







1901

1902

1903

1904 *Bouteloua hirsuta* Lag.

1903- *Malva parviflora* L.

1906

1907\* *Thryallis humilis* Rose sp. nov.

1908 *Cupressus*

1909

1910

1912 *Hibiscus manicot* L.

1912 ✓

2

'97

July 29,

Territorio de Tepic,  
Beb. Concepcion & Acafoneta.

" " " " " "

" " " " " "

" " " " " "

1 sp.

Sinaloa... Concepcion,

Territorio de Tepic  
Beb. Concepcion & Acafoneta

" " " " " "

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2 sp. In the Plaza at Acafoneta

" " " " " "



1913

1914

Commelina

1915

Jussiaea (Anag.)

1916

Sedge

1917

Cuphea cristata Rose, n. sp.

Cuphea

Herb. Gr.

1918

Palm.

1919

Ercton?

1920

Ipomoea

1921

1922

Sedge

1923

Panicum colonum L.

Echinochloa colonum (L.) Link Herb. Gr.

3

4

3

2

3

1

3

2

2

Territorio de Tepic, Foothills of Sierra Madre 3

Foothills, between Acahoulat  
fls. redish

Redo Paulo

Aug

2 sp.

6 to 12 ft high

Erect. 1 to 2 ft high

Shrub 6 to 7 ft high



1924 ✓

25

19 25 *Peperomia Heydii* DC.  $\beta$  minor?  
C. de Candolle 1899.

27

19 26 ✓

2

19 27

1

*Tournefortia*

19 28

*Physalis*

my. ✓

19 29

*Arenum*

19 30

*Crass*

my. ✓

19 31

*Orchid*

3

19 32

*Melastomaceae*

19 33

*Brownia*

19 34 *Salvia heterotricha multinervis*

M. M. Kew. Herb. Gr. Fernald, n. var.

Territorio de Tapia, Foothills of Sierra Madre. Aug. 2.  
Bel. Acapulco & Pinar de los Rios.

Bush 2 ft high



1935 *Cacalia puculifera* Watson.

Compositae ... J.B.S. Herb. Gr. Kew.

1936 *Coulterophytum macrophyllum*

Coulterophytum J.B.S. Herb. Gr. Kew. <sup>C.R. sp. nov. Mex.</sup>

1937 *Coulterophytum macrophyllum* C.R. sp.

~~Coulterophytum~~ J.B.S. Herb. Gr. Kew. <sup>nov.</sup> (type.)

1938 *Eryngium Buchananii* Hook. & Arn. ?

Eryngium J.B.S. Kew. Herb. Gr. Mex.

1939

Lily like

1

1940

2

Sedge

1941

1

1942

2

Cypress (Sabino)

1943 *Polianthes palustris* Rose, n-sp.

Lily like Mex. Gray Kew.

1944

1

1945 *Liabum curvum* Rob.

Compositae Herb. Gr.

Territorio de Tepic. Foothills of Sierra Madre. Aug. 2.  
Hsp. Bet. Acaponeta & Pedro Pablo.

" " " " " "

9 sp.

" " " " " "

Hsp.

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'97  
Aug-2

Teritorio de Tepic. Foothills of Sierra Madre.  
Bet. Acaponetia & Pedro Paulo.

1946

Rubus

/

1947

Desmodium

/

1948

Verbena rosei Rob. + Grumm. n. sp.

Comp

Herb. fr. - New

2 ft. stems winged 5 fls yellow

1949

Evolvulus

2

1950

Psidium

1

1951

Cassia

2

1952

Sida

2

1953

Zephalanthus

2

1954

Centrosema

3

1955

Loranthus

2

1956

Loranthus

A. purpurascens



1957

Junonia

1958. *Hyptis madreusis* Fernald, n. sp.

Ver. bona

Br. M. Kew.

1959

*Malaris hirtiantha* (Lb. Kl + Otto) Det Ames 1922

Onchid

1960

near 1915

1961 *Paspalum* ~~*virgatum*~~ <sup>*plicatulum*</sup> Michx.

grass

glab. Kew. Herb. Gr.

1962

*Eragrostis cymosa* Belar.

Eragrostis

1963

*Melastoma* ~~*angustifolium*~~ My. Kew. Mex

1964

Short bean?

1965

Rubiacae

1966

Cuphea

1967

*Convolvulus*

7  
Territorio de Tepic, Foothills of Sierra Madre.

near Pedro Paulo

Aug 3 '97

2 sp. of *Crotophaga* habit fls white

pinkish fls. 6 toothed

Shrub 4 ft high

petals 3 blue - In brush + along creek







1977 Aug. 4,

Territorio de Tepic Foothills of Sierra Madre.  
Beluran Pedro Paulo & San Blasito.

- 1979\* *Triumfetta discolor* Rose sp. nov. ✓  
Triumfetta Gray
- 1980 *Heterocentron occidentale* Rose sp. nov.  
Melastomaceae Mx.
- 1981 *Erotalaria tinctoria* Rose n. sp.  
Mx. Gray Herb Gr.
- 1982 *Prionosciadium*  
Prionosciadium Mx. Gray
- 1983
- 1984 *Eupatorium leptodictyon* Gray.  
Compos Juss. Herb. Gr. Beau
- 1985 *Thalictrum fringeli reticulatum* Rose, n. sp.  
Thalictrum Herb. Gr.
- 1986 *Odontolobium cervinum* Rydb.  
Compos Gray Type!
- 1987 *Dalman*
- 1988 *Erigeron*
- 1989 *Stachys drummondii* Benth. 1.  
Juss. St. L. New. Mx. Mex.

1 High, rare & branched

Shrub 4 ft high

Shrub 1 ft high fls white

Base dissected



Trinitario de Tepic, Foot hills of Sierra Madre. <sup>1897</sup> Aug 4.  
Shrub 8 ft high Bet. Pedro Pablo + San Blas etc.

20 ft Shrub 10 ft high

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1890

1891 *Pyramnia croceum* Rob. + Grunm. n. sp.  
Comp. Kew.

1892 *Euphorbia geniculata* Ortega.  
Euphorb. My 3

1893 *Arenaria*

1894 *Manfreda rubescens* Rose, sp. nov.  
*Manfreda* Mx., Kew.

\* 1895 *Axonopus rosei* (Scribn. & Merr.) Chase  
(Type of *Paspalum rosei* Scribn. & Merr.) My. Lny. Mex.

1896 Comp.

1897 Pine 3

1898 *Passiflora foetida* L.  
Passiflora

1899 *Panicum bulbosum* HBK.  
Grass

2000 *Xerocarpus*

2001

Alt 3000 ft

10 ft

10 ft

fls purple



Territorio de Tepic. Foothills Sierra Madre. Aug. 4,  
Between Pedro Paulo & San Blasito.

fls yellow

1

San Blasito + ~~San Blas~~

Loco

San Blasito

Aug. 5-6

2

2

Between San Blasito + Aguacate Aug 5/97

2

bush sp. high

2507

Cactus

2502

"

2503

Pine

2504

Spanish moss

2505

*Zinnia elegans* Jacq.

*Zinnia*

2506

Mycetes

2507

Phragmites

2508

Palm

2509

Canna

2510

Net flower

2511

2510

Willow

2511

Grass



2012 Agave americana

(Aguacate)

2013

2014 Dium modenae R. & H.

Culabo

2015

Begonia

2016 Eragrostis pilosa (L.) Beauv. ~~pursii Host.~~

grass

2017 Chaetochloa longipila (Fourn.) Scribn. & Merr.

" J. & S. Brit. Mus. New. Herb. Gr.

2018

Drymaria

2019 Spiranthes aurantiaca B. & H.

2020

Acaeffha

2021

2022

27  
2

3

2

Terminio de Tapie, Foothills, Sierra Madre Aug 5.

Bet. San Blasillo & Aguacata.

Belvan Aguacate + Dolores

Aug 6

fls white

leaf

5 sp.

fls + bracts orange

fls white



2023 *Chamaecrista nodensis* Kunz  
Cerealia 27<sup>th</sup> 2

2024  
Pothos  
2025: *Stachys drummondii* Benth. ✓  
Mex.

2026: *Erigeron coronopifolius* Gray.  
Compositae Herb. br. J.D.S. Kunz.

2027  
Acanthaceae 2

2028 2

2029 *Seanea glauca* C.R. sp. nov.  
J.D.S. Kunz. 2

2030  
Sedge

2031 *Quercus triangularis* 1  
Quercus

2032  
Orchid

2033: *Gnaphalium purpureum* L. ✓  
Compositae Mex.

Mixture; see 18172

Territorio de Tepe, Foothills, Sierra Madre. Aug. 6  
Between Aguacatā + Dolores.

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1897  
Aug. 7.

Teritorio de Tepic, between Dolores &  
Santa Gertrudis.

2034 Malaxa tipacana Ames. Type 1  
Orchid

2035 Eryngium Rosei Hemsl. <sup>my.</sup> ~~Arch. Hemsl. J. U.S.~~ 1

2036 Lilies 1

2037 Commelinaceae 2

2038 Blue eyed grass 1

2039 Plantain

2040 Orchid

2041 Legum.

2042 Colozania humilis Rose. n-sp type

2043 Dioscorea militaris Rob.

2044 Comp. <sup>✓</sup>  
Mesp

Myzella

Creeping vine 3 ft. blue

Vine



2045. *Prochnyanthes viridescens* Wats.

Agave l. Proc. - New Herb. Gr. 3044

2046

2047

Arenaria

2048

Orchid

2049

*Physalis*

*Physalis*

2050

Composita

2051

Legume

2052

2053

*Panicum bulbosum* <sup>*sciaphilum* (Rupr.) Hitchc.</sup> ~~*arenaceum* (HBK.) B~~

Grass

2054

Orchid

2055

Orchid

Teritorio de Tepic, between Dolores + Santa Gertrudis.

Aug 7 & 10 '97

Aug 7

fls blue

fls yellow

fls red  
& Chase  
sal.

204



2056 *Micropleura renifolia* Lag.

*Hydrocotylaceae*

2057

*Tradescantia* f.

2058

*Helioscymus*

2059 *Polypodium angustifolium* Sw.

*Polypodium*

2060

*Phacelia*

2061

2062

*Orchid*

2063 *Malaxis fastigiata* Reicht f. Kuntze Det Ames 1912

2064 *Museoopsis submontana* C. R. sp. nov.

*Museoopsis*

2065 *Liparis vexillifera* Cogn.

*Orchid*

2066

*Cuphea*

Terminos de Tefe, between Dolores & Santa Gertrudis.

Aug. 7, '97.

" " " " " "

fls pink " " " " " "

" " " " " "

" " " " " "

" " " " " "

white " " " " " "

fls white " " " " " "

" " " " " "

" " " " " "

1 to 2 m; n. y. " " " "

Between Santa Gertrudis & Santa Teresa Aug. 8

Ter. Tefe



2557

Learn

Gray. H. L.

2068

*Solanum Andreuxii* Dun.

Solanum

Herb. Gr.

Inf.

9069

Compos

Мерз

the yellow

2870

Geranium

my

3

907/

Sedge

2072

1840

2173

Pentstemon

1890

2074

6

the violet

fls. yellow

2578

*Malaxis fastigiata* (Reichb. f.) Kuntze Det. Ames 42

Orchid

2076

Orchid

2077.

*Pyramidium tenellum* Gray.

*Compositae* Mesp. Kew. Mf.

11

Limitorio de Tybis, between Santa Petronidia &  
Santa Teresa, Sierra Madre.

Aug. 8, 1897



2078. *Guardiola rosei* Robinson, n. sp.

Comp.

Herb. Gr.

(sp.)

2079 *Polymnia edulis* Wedd.

"

2080 *Hieracium Rosei* Rob. & Grunm. n. sp.

Hieracium

My. Mex.

2081

Trifolium

My

✓ 1

2082 *Hartmannia rosea* Don Mex. My. Kew.

Chenopodium

2083

or Lactuca

2084 *Gnaphalium axephyllum* DC.

Comp.

2085 *Conyza sophiaefolia* HBK.

2086

Alnus

2087

Comp.

2088

Leg. Rhytidia J.L. Mex. Kew, My.

Territorio de Tepic, between Santa Teresita +  
Santa Teresa, Sierra Madre.

Aug. 8, 1897

Tree 30 ft high 10 in diameter



- |      |  |  |               |
|------|--|--|---------------|
| 2089 | <i>Plantago linearis mexicana</i> (Lam.) Pilg.<br>(Det. Pilg. 922)                 | Terminos de Tepic; between Santa Gertrudis & Santa Teresa, Sierra Madre. | Aug. 8, 1897. |
| 2090 | <i>Plantago hirtella</i> Kunth <i>galeottiana</i> (Poe.) Pilg.<br>(Det. Pilg. 922) | " " " " " "  | " "           |
| 2091 | Legume   | " " " " " "  | " "           |
| 2092 | <del>Rosaceae</del><br>Rosaceae  | " " " " " "  | " "           |
| 2093 | <i>Liparis vexillifera</i> Cogn.<br>Orchid   | " " " " " "  | " "           |
| 2094 | Composit   | " " " " " "  | " "           |
| 2095 | Tridacnaceae   | " " " " " "  | " "           |
| 2096 | <i>Potentilla madrensis</i> Rose, n. sp.<br>Rosaceae Gray.                         | In wet meadows<br>fls. dark red  | " "           |
| 2097 | <i>Maloxia tephrocera</i> Griseb.<br>Orchid  | " " " " " "  | " "           |
| 2098 | Hypnaceae  | " " " " " "  | " "           |
| 2099 | Compos   | " " " " " "  | " "           |



Aug. 8, 1897

Terminos de Tepic; between Santa Genoveva &  
Santa Teresa, Sierra Madre.

- 2100
- 2101 *Odontotrichum filicifolium* /  
Compositae Gray Rydb. Type!
- 2102 *Ranunculus madrensis* Rose, n. sp.  
Ranunculaceae J. L. S. Hook. & G. R. Kew. 1 sp.
- 2103 *Tauschia madrensis* C. & R. sp. nov.  
J. L. S. <sup>mx.</sup> ~~Smith~~ Hook. & G. R. Kew. 5 sp.
- 2104 *Tauschia linearifolia* C. & R. sp. nov.  
Anacardiaceae J. L. S. Kew. Hook. & G. R. Kew. 4 sp.
- 2105
- 2106
- 2107 *Neogroezia planipetala* Kuntz.  
Neogroezia Hook. & G. R. Kew.
- 2108 *Eryngium Buchananii* Hook. & Arn.  
Eryngium Hook. & G. R. Kew.
- 2109 *Ipomoea*
- 2110 Legum.

fls. in leaf

stems creeping

fls. white

leaves 3-lf, mucous leaf



Territorio de Tepic: between Santa Gertrudis &  
Santa Teresa. Sierra Madre.

Aug. 8, 1897

- |     |                                      |   |
|-----|--------------------------------------|---|
| 211 | Comp.                                | 2 |
| 212 | Polygala                             | 3 |
| 213 | Hosackia                             | 2 |
| 214 |                                      |   |
| 215 |                                      |   |
| 216 | Pueraria                             |   |
| 217 | Polygala alba Nutt.                  |   |
| 218 | Polygala                             |   |
| 219 | Fuchsia                              | 2 |
| 220 | Orchid                               |   |
| 221 | Crotalaria                           | 1 |
| 222 | Dalhia                               |   |
| 223 | Museniopsis ternata filifolia C & R. |   |
|     | Museniopsis                          |   |

fls white tube longer



2/22

pine

2/23

pine

2/24

Cedarlike

2/25

Lepidium medium Greene N.Y.

2/26

Douglas?

N.Y.

2/27

Eryngium

Eryngium = Schaffner No. 7.

2/28

<sup>mar</sup> Eryngium cymosum Lular.

New.

2/29

Valeriana

2/30

pine

2/31

Mirabilis jalapa L.  
Fourclock

2  
N.Y.

2/32

Onoclea

near Santa Teresa <sup>top of</sup> Sierra Madre Aug 8  
Alt 6500 ft  
leaves <sup>in 5</sup> 12 in long cones 8 in

leaves in 5, 4 in long; cones ovate acute 2 in long

Immature leaves

Immature marginal leaves

leaves in 3 cones 2 in long



2133 *Oenothera myctaginæifolia* Small? 2  
Cal. Kew. N.Y.

Trinitario de Tajuco: near Santa Teresa top of  
Sierra Madre. Aug. 8. '97

2134 *Solanum stoloniferum* Schl. + Bouché.  
Potato

2135

Ficus

2136

Legum

My. Mex. 4

2137

*Euphorbia montana* Rose sp. nov.

2138 *Dromus brevicastratus* Buckl.

2139

*Iris rosea* Gramman sp. nov.

Herb. Gr. Kew

2140

Cucurbit

2141

Echinops

My

2142

*Sporobolus indicus* R. Br.

Grass

Herb. Gr.

2143

*Chloris submutica* HBK.

Grass

Two ft high

In fields & low meadows

1-2 ft

Aug 9 '97



Aug. 9, '97

- 2144 *Nicotiana Tabacum* L.  
Tobacco 2
- 2145 Legume brought by Mr. Robbins 3
- 2146 *Agave Mexicana*?
- 2147 *Brassica vulgaris* Linn.  
Healall Herb. Gr. 1
- 2148 *Polygonum*
- 2149 Orchid brought by Mr. Robbins
- 2150 *Lamourea viscosa* HBK.  
Lamourea " Herb. Gr. Kew. 1
- 2151 *Salvia* "
- 2152 *Cnicus*
- 2153 *Phaseolus* " Ny. Mex. ✓
- 2154 *Cosmos crinitifolius* HBK.  
Cosmos Mex.

Terminis de Tepic; near Santa Teresa, top of  
Shrub, 8 ft high fls white Sierra Madre.

Creeping vine fls purple

In wet meadows

1 sp.

In deep Canon near Santa Teresa

2 sp. fls scarlet

fls purple leaves green



Turkey de Tique; near Santa Teresa, top of  
Sierra Madre.

Aug. 9.

In wet meadows " " " " Aug. 10 " 10,

Leaf angle growing flat on ground

Climbing plant, fls. white

In common

2153

Diclad. long...

2156

Drymaria

2157

Senecio Rosei Greenman, n. sp.  
Senecio Rox. Kew.

3

2158

Lisocorea multinervis Benth.  
Herb. Gr. Kew.

2159

Pyrula near Rhytidocoma

2160

Cucurbit

2

2161

Leranium

✓ H  
NY  
2

2162

2163

Horsackia

1

2164

Phacelia

4

2165

\* Nolana pusilla Rose sp. nov.  
Specimen sent to Bot. Gard.







2177. *Quercus seriatula* 3  
Oak
- 2178 *Polianthus montana* Rose, sp. nov. 2  
Barro, Mex., Gray.
- 2179 *Erubolana*
- 2180 *Eucacia* 1  
my
- 2181 *Delia*
- 2182 *Rhynchosia* 3
- 2183 *Eucacia*
- 2184 *Borago* 2
- 2185 *Senti Maud* 5
- 2186 *Cuphea* 3
- 2187 *Rhynchosia* ✓

Trinitario de Tepic; near Santa Teresa, top of Aug. 10, '97  
plant 6 to 10 m. high. Sierra Madre.

... .. Aug. 11, 197.  
fls 9 perianth,

... .. 1/2

Shrub 3 ft high

fls white



2188. *Quercus macrophylla* 2  
Quercus

2189 1

2190 Paulownia

used in tea

2191

used for making hats

2192 *Passiflora ligularis* Rydb. 1

Collected J. N. Rose, Aug 11/1897

2193

2194 Pine

"

2195

"

2196 3

Agave parviflora

2197. *Coenos lipinnatus* Cav.

Coenos

2198 *Sedum oxycoccoides* Rose n. sp.

*Sedum* Pringle. Mex. n. sp.

Teritorio de Tepic, near Santa Teresa, top of Sierra Madre. Aug. 11, '97

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low bush " " " " " " " " " " " "

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leaves dark green, short stiff. in 5 1 cones small oblong

leaves drooping long in 3 cones small pointed

" " " " " " " " " " " "

leaves drooping in 3 cones egg-shaped

" " " " " " " " " " " "

" " " " " " " " " " " "

" " " " " " " " " " " "

Annual " " " " " " " " " " " "

" " " " " " " " " " " "

fls red leaves brown on sides " " " " " "

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2199 *Eryngium Columnare* Hemsl.

*Eryngium*

Herb. Gr. Kew.

2200

*Agave filifera*

San Antonio

2201 *Asplenium parvulum* Mart. & Gal.

fern

Herb. Gr.

2202 *Acrostichum spathulatum* Borg.

2203 *Dryopteris patula* (Sw.) Underw.

mp. J. U. S. Herb. Gr. Kew.

2204 *Adiantum thalictroides* Willd.

N.Y. Herb. Gr.

2205 *Polypodium subpetiolatum* Hook.

N.Y. Herb. Gr.

2206 *Cystopteris fragilis* (L.) Bernh.

Herb. Gr.

2207 *Cystopteris fragilis* (L.) Bernh.

Herb. Gr.

2208 *Pellaea marginata* Baker.

Herb. Gr.

2209 *Asplenium monanthemum* Willd.

Herb. Gr.

Trinitario de Tepic; near Santa Teresa, top of Aug 12 '97  
Sierra Madre.

Trinitario de Tepic; near Santa Teresa, top of .. ..  
Sierra Madre.

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2210 *Acrostichum pilosum* HBK.

Territorio de Tapic; near Santa Teresa,  
Top of Sierra Madre

Aug. 12,

2211 in part *Pellaea angustifolia* (HBK) Baker.

My. Herb. Gr. 1

2 sp.

2212 *Pteris aquilina lanuginosa* (Boyd) Hook.

My. Herb. Gr.

2 sp.

2213 *Phegopteris rudis* Mett.

My. J.D.B. Kew. Herb. Gr. Mex.

5 sp.

2214 *Woodwardia radicans* J.E. Smith.

Mex. J.D.B. Herb. Gr. Kew.

3 sp.

2215 *Acrostichum conforme* Sw.

2216

*Juncus*

4

2217

*Hosackia*

2218

*Phaseolus*

1

fls bright red

2219

*Chara*

should not have been stamped

2220

no water fls blue



1897.  
Aug. 12.

2221 *Talinum greenmannii* Harshberger 2  
H.G.

2222 *Andropogon liebmanni* raripilis Hack.

grass

my J.B.S. Herb. Gr. Kew.

sapote

2223 *Quercus Rosei* 2

Oak

2224 *Quercus oligodonta* 2  
small bodied leaves small fruit

2225 2  
my

2226

Melastomaceae

2227 1

2228 1

\* *Ipomoea*  
2229 *Tristachya mexicana* Kunth. <sup>mx.</sup>  
*angustifolia* A. S. Hitchc. <sup>sp. nov.</sup>  
Oaks J.B.S. Kew Herb. Gr.

2230 *Quercus radiata* 2

Oak

2231 *Quercus aequivenulosa* 3

Oak

Territorio de Tepic, near Santa Teresa, Top of Sierra Madre.  
fls yellow on bare rocks

" " " " " " " " " " " "

40 ft high 16 in diameter

" " " " " " " " " " " " Aug 13

tree 35-60 ft 15-20 ft in diameter

" " " " " " " " " " " "

Shrub or small tree

" " " " " " " " " " " "

" " " " " " " " " " " "

fls purple & creeping

" " " " " " " " " " " "

sap.

fls small, in spikes leaves folded Small tree

" " " " " " " " " " " "

small leaves at 6450 ft



1897

Aug. 13.

2232 *Thalictrum madrense* Rose, n. sp.

*Thalictrum*

Herb. Gr. Kauw.

2233 *Salvia Sanctae-Teresae* Fernald, n. sp.

mint

Kauw. Herb. Gr.

2234 *Museniopsis pencedanoides* (HBK.) C. R.

2234

*Museniopsis*

Herb. Gr. Kauw.

2235 *Helianthella madrensis* Watson

Composite

2236 *Eryngium cymosum* (Lam.)

*Eryngium*

Herb. Gr. Kauw.

2237

*Hypericum*

2238

*Linum*

2239 *Quercus subspathulata*

Oak

2240 *Helianthella madrensis* Watson.

Composite

2241. *Aspilia albiflora* Gray.

Composite

Herb. Gr.

2242

*Desmodium*

2

Territorio de Tepic, near Santa Teresa, Top of Sierra Madre.

2 sp.

alt 6500 ft

2 sp. alt 6500 ft

Slab of Domingo

Large acorn

alt 6500 ft

Small oblong acorns

1 sp. for large white & yellow



Aug. 13, 1897.

State of Durango.

- 2243 Karbena
- 2244 Malva
- 2245 *Aspilota madrensis* Greenman n. sp. ✓  
Comp. Mex.
- 2246 *Cassia* ✓  
Mex.
- 2247 Yucca
- 2248 *Adiantum nephrolepis* 2  
Comp. Mex. Rydb. Type!
- 2249 Saxif. ✓  
Mex. My.
- 2250 Asclepias
- 2251 *Clitoria humilis* Rose, sp. nov.  
Clintonia?
- 2252 *Pyramnia microphyllum* Rob. & Griseb. n. sp. ✓  
Comp. Mex. Gr.
- 2253 *Chamaecrista* sp.  
Comp. My. Mex.

Bush 6 ft high

Shrub

base depressed spreading



Aug. 13, 1897

State of Durango.

Stems herbaceous low

2252

Calandrinia

Mex. N.Y.

2253

Triumfetta discolor Rose sp. nov.

Fraxilla

2254

Cyrtopodium

Ames.

2257

Musenopsis reticulata C.R. sp. nov.

Musenopsis

2258

Steria Rosei Robinson, n. sp.

Comp. Mex.

2259

Ruellia

2260

Aspilota xylofoda Greenman, n. sp.

Compositae

Mex. N.Y.

2261

Ruellia

2262

Mex.

2263

2264

Aug 13



2265 *Mimosa fraculata* Benth 2  
*Acacia* My.

2266  
*Conif.*

2267

*Sporoxia*

2

2268. *Eupenhardtia orthocarpus* (Gray) Wats.  
*Leg.* *rediculis* *peruv.*  
*Hardy fr. Kew. 20p.*

2269. *Zinnia elegans* Jacq.  
*Zinnia* *Hardy fr. Kew. 20p.*

2270 *Pithecolobium acatlenae* Benth.  
*Calandrinia*

2271 *Meibomia angustata* Benth & Sladky 2  
*Desmodium* My.

2272

2273 *Cat Malobaria* St L. Kew. Mex. My. 2

2274  
*Evolvulus*

2275  
*Sporoxia*

State of Durango  
 bush 8ft high

Aug 14

Shrub 8ft high

Small tree

Shrub 10ft high 5ft high

Shrub <sup>to 6</sup> 2ft high

fls white or blue



Aug. 14,

State of Durango,  
Creeping

fls white; creeping

" " " "

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" " " "

Shrub 3 to 20 ft high fls white

fls small white

" " " "

" " " "

Shrub 8 ft high Cultivated

Shrub at base Cultivated

2276

Krameria

2277

Ipomoea

2278

Nissolia wislizeni Gray

Legumin

2279

Amaranth

2280

Panicum <sup>arizonicum Scribn. & Merr.</sup> ~~schultzei Nees~~

Grass

Herb Gr. Kaw.

20 ft

2281

Rubiacea

2282

Compositae

2283

Euphorbia vine

2284

"

2285

Gossypium barbadense L.

Gossypium barbadense L.

2286

Mint

NY



State of Durango Aug 15

2 of, the very old one

Page

1. The same old 7000

1912

2257

My. Mex.

2293.

*Gymnolomia Calva* Gray.

*[Faint handwritten signature]*

Nov.

2294.

*Zinnia elegans* Jacq

2. *Junco*

2296.

*Zinnia linearis* Benth.

—

*Begonia rosei* Houghton

24/7/1944

4

July 1922



2298 *Nissolia wislizeni* Gray.

2299

Mez. My. 2

2300

2301. *Nissolia hirsuta* DC.

J.D.S. alt. Ge. Kew.

2

1

Dr

2

St. L. Kew Gray. My. Mez. 1

2308 *Solanum Amazonicum* Ker.

2309\* *Thryallis montana* Rose sp. nov. ✓  
My. Mez. 1

Durango

Aug. 15. 1897.

growing over the ground

Durango.

"

sp. V. M. climbing

3 to 10 ft high

"

growing about Royce

"

3 to 20 ft high

"

"

"

sp.

"

growing about Royce

"

sp.



Aug. 15, 1897

Durango -

2314 *Brongniartia lunata* Rose, n. sp.

2316. *Sida diffusa* HBK.

Angreba m. l. in 1347.

Lyfe

2321. *Prymenium croceum* Rob. & Grumm. n. sp.  
Hem. Herb. n.



1897.

State of  
Durango.

- 2322 *Zexmenia zinnioides* Hemsl.
- \* 2324 \* *Polianthes platyphylla* Rose, sp. nov.  
Jalisco, Mex., Kew.
2325. *Pitcairnia Karwinskiana* Schult. f.  
(*P. jaliscana* Watson)
- 2326
- 2327
- 2328
- 2329
- 2330
- 2331
- 2332 *Calliandra penduliflora* Rose, n. sp.  
Jalisco, Mex.
- \* 2323 *Carex* Mex

Inf.

2

Mex



\*  
2334 *Tristachya lasa* Scribn. & Merr. sp. nov.

Stats of  
Durango.

August 16, 1897.

2335  
*Lathyrus*  
2336. *Diospyros heterophylla* Benth.

2

" " "

2337 *Baselia laxiflora* (Benth.) Greenman.

" " "

2338 *Salvia cryptodonta* Fernald, n. sp.

New. Herb. Gr.

" " "

2339  
*Indigofera*

" " "

2341. *Manfreda elongata* Rose, sp. nov.

2

" " "

2343 *Prinosciadium serratum* C. & R. sp. nov.

J. L. S. 1. sp. New. Herb. Gr. = 9 sp.

5 sp.

" " "

2344. *Coreopsis cuneifolia* Greenman n. sp.

" " "



State of Durango.

August 16, 1897.

2345 *Liparis vexillifera* Cogn.  
Orchid

2346

*Hamamelis*

2347. *Arbutus arizonica*

*Madroño*

2348 *Liparis vexillifera* Cogn.

*Orchid*

2349

*Coronilla*

2350

*Gray*

2351

*Pedicularis*

2352

*Polemonium*

2353

*Delphinium*

2354

*Lupinus*

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State of  
Durango -

Aug. 16. 1897

2356 *Muhlenbergia laxiflora* Scribn.

*Carex madrensis* Bailey n. sp.

Kew. N.Y.

2358. *Fistuca amplissima* Rupr.

Kew. Herb. Gr.

3

2361. *Museniopsis ovata* C. R. sp. nov.

2362. *Fragaria Mexicana* Schlecht.

2

2364. *Dahlia coccinea* Cav.

Herb. J. S. B. Kew.

State of Zacatecas Aug 16

Aug 17



Sierra Madre, State of Zacatecas. Aug. 7, 1897.

2366

*Hypericum*

1

2367

*Eryngium madrense* S. Wats.

J.M.S. Herb. Soc. Kew.

2368

2

2369

2

2370

1 #  
My

2371. *Cornus disciflora* DC.

Mex., Gray, Kew.

2372

2

\*

2373 *Agrostis posei* Scribn. & Merr.

sp. nov.

N.Y.  
2

2374

2375 *Ranunculus madrensis* Rose, n. sp.

1 sp.

2376

*Artemisia*

all 530-537



Pierra Madre.

State of Zacatecas.

2377

1

2378

1

2379

1

2380

Malaxis pruiglei (Wats.)

1

Orchid

1

Liquor

2

2381

1

2382

2

Moss

Epulobium

1

2383

Radix

2384

Orchid

Ames, ~~Gay~~ Mex.

2385

Eryngium

Eryngium = Schaffner No. 7.







Sierra Madre. State of Zacatecas.

Aug. 18, 1897

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near San Juan del Rio

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200

2399

fern

2400

Agave

2401

Scilla

2402. *Salvia Grahami* Benth.

✓  
My.

2403 *Museniopsis purpurea* C. & R. sp. nov.

Museniopsis

2404

Ber

2

*Hedonaea*

2407 *Elionurus barbiculmis* Hackel

2408 *Iva ambrosioides* Gray.

✓  
My. Mex.

2409 *Zinnia multiflora* L.

Zinnia

Herb. Gr. Kew



Aug. 18.

State of Zacatecas; near San Juan Capistrano.

2410

2411

2412

2413

2414

2415

2416

2417

2418

2419

2420

*Leucaena*

*Indigofera*

*Leucaena*

*Indigofera*

*Melastoma*

*Leucaena*

*Erythroxylon pallidum*

*Boerhaavia viscosa*

*Boerhaavia*

*Melastoma*

*Boerhaavia*

*Carduus*

Mex. Gray. N.Y.

N.Y. Mex.

Gray. N.Y. Mex.

Lag. Rodr.

Gray N.Y.

Mex

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State of Zacatecas; near San Juan Capistrano.

Aug. 18.

2422

Венера

1

24 24

*Baccharis glutinosa* Pers.

New. No. 5. 4/2.

2425

*Abutilon jacquini* Don. Brit. Mus.

*Ab-laden jaguoni* Boiss. Arab. Ja

2

2427

*Perityle microglossa* Bouch.  
Kew Mex

Kew. Mex. N.Y.

2428

*Solanum cornutum* Lam.

Kear. H. D. Co.

2429

1

三

St. R. Gay New Mex. N.Y.





2432 *Sida diffusa* HBK. Brit. Mus.

2433. *Xanthium Canadense* Mill.

2434.

2435

2436. *Pectis propetes* Greenman n. sp. ✓  
Kew. Mex. N.Y.

2437

*Cassia* Kew. Mex. Gray. N.Y.

2438 *Medicella glabra* (Choisy) Cockwell 2

2439 *Viticolobium acatense* Benth.

2440 *Villa biflora* Dur. 2  
N.Y.

2441 \* *Krameria interior* Rose & Painter sp. nov.

2442 *Nicotiana trigonophylla* Dunal

State of Zacatecas, near San Juan Capistrano. Aug. 19.

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- 2443 *Passiflora foetida* L. Herb. Gr.
2444. *Anoda crenatiflora glabrata* Rose, Brit. Mus. n. var.  
(Herb. Gr.) *Anoda crenatiflora glabrata* n. var.
- 2445 *Eologamia capitata* Rose, n. sp.  
Cuculn
2446. *Malvastrum tricuspidatum* Gray  
*Malvastrum tricuspidatum* Gray
- 2447 *Marrubium vulgare* Linn.  
Marrub. Herb. Gr.
- 2448 *Cassia* Gray Mex. Mx ✓
2449. *Abutilon incanum* (Link) Sweet. ✓  
*Abutilon incanum* (Link) Sweet. Mex Mx
2450. *Eupenhardtia orthocarpus* (Gray) Wats. ✓  
Mex
- 2453 *Cenchrus myosuroides* HBK.  
JDS. Herb. Gr. Kew.



State of Zacatecas, near San Juan Capistrano. Aug. 21.

3

2454

*Yucca*

2455 *Terbinthia multifolia* Rose sp. nov. 3  
Cal. Kew Gray N.Y.

2456 *Commicarpus scandens* (L.) Standley 2  
Cal Kew Gray N.Y.

*Yucca*

*Euphorbia*

*Cyperus*

Gay. Mex. N.Y. ✓

*Portulaca*

2462. *Tridax coronopifolia* Hemsl. Mex. N.Y.

2463 *Abutilon venustum* Watson Mex. N.Y. ✓

*Abutilon*

Gray



2

State of Zacatecas; near San Juan Capistrano. Aug. 22.

2465

2466. *Solanum amazonicum* Ker.

Herb. J. E.

ref.

*Gradiata*

*Chamaejasme*

*Croton*

2470

*Acer*

2471

*Bassia*

2472

*Rubus*

2473

*Hesperis*

2474 *Allionia texensis* (Coulter) Small

*Angelica*

May H. J.

2475

*Zinnia bicolor* Hemsley.

Herb. J. E.

ref.



2476. *Zinnia bicolor* Hemsl.   
 Kew. Herb. Gr.

State of Zacatecas; near San Juan Capistrano.

Aug. 22.

2478 *Euphorbia heterophylla* L. Mex. ✓

2478<sup>a</sup> *Euphorbia heterophylla* L. Mex

2479. *Chelone humilis* Rose n.sp.   
 Mex. Gray. ~~Herb.~~ 2

*Erythroxylon* *fulvum* Rose   
 Hb. Gray. Kew. Mex. NY.   
 NY. Gray

2482

*Aeschynomene fascicularis* S. & C.   
 Mex. Gray. 3

2486<sup>neo</sup> *Trelasea tumida* (Hindley) Rose, n. nom.   
 Mex., Kew., Gray.

Aug. 23.



Acacia  
2488 *Lycium Schaffneri* Gray.

2490 *Bouteloua arisitoides* <sup>(HBK.)</sup> Griseb.  
Grass

2492  
Hackberry

2493

2494 *Ceiba grandiflora* Rose.  
*Ceiba grandiflora* Rose

2495  
Jacaranda

2496

2497  
Heliconia

2497

Asplen

Max. Kew. N.Y.

State of Zacatecas; near San Juan Capistrano.

55

In the road to Hueyquilla  
Low bush

Aug. 23.

1 ap.

Field note from San Juan Capistrano  
Aug 23



2498

*Gossypium barbadense* L.

*Gossypium barbadense* L. Herb. Gen.

Bur.

2

State of Jalisco on the road from San Juan Capistrano Aug. 23.

2 sp. Shrub 5 ft high

Tree 20 ft high

2501

*Gondichandia subverticillata* Rose. n. sp. l.

Mex.

St. L.

2

2502

*Conium*

2503

*Phaseolus*

2504

*Hibiscus biseptus* Watson.

*Hibiscus biseptus* Watson.

Mex

2

2505

*Asclepias*

2506

*Banksia*

Mex. Ny.

2507

*Polygala alba* Nutt.

*Polygala*

2508

1



State of Jalisco; on the road from San Juan Cafistrano. Aug. 23

2510. *Prinosciadium tenuifolium* C. & R. sp. nov.  
St. L. ny. J. W. S. <sup>my.</sup> ~~Bentham~~. Herb. Gr. Amer.

251/ Desmodium  
2512. Eragrostis Wrightii Agg.  
Eragrostis

2516 *Parosela nutans* (Lam.) Rost

2969 Castilleja

leaf. 3 (4) angles; glaucous yellowish



2520. *Santivalia procumbens* Lam.

J. W. B. Herb. Gr. Kew.

30p. Here goes, Jalisco

Aug 24

Eugene

Confess 77

2

2523 *Anoda cristata* (L.) Schlecht.

*Aroda hastata* var. *Herb. Gr.*

247

Cuphea

4722 *Parasphaera frontalis* (S-G)

Dalca

Gray. N.Y. Mex.

2526 *Musenopsis pencedanoides* (HBK.) C.R.

*Trusemops*

10/20

Francisco

See

Cuphea

2530 *Bidens procera* Don.

Orders

Mr. G. Kent.

24p.



Aug. 24.

Ixcinguilla, State of Jalisco.

2531

Palmarum

2532

*Chondrosioides* (H.B.K.) Benth.  
*Douteloua harvardi* Gray.

Gram.

Herb. Gr. New.

20 ft.

2533

Fradescales

2534

Cucumb.

2535

Salic.

2536

Compositae

2537

*Sida neo-mexicana* Gray.

Sider.

Herb. Gr.

10 ft.

2538

*Agratum albidum* Hemsl.

Comp.

Herb. Gr.

2539

*Tridax balsioides* Gray.

"

Herb. Gr.

10 ft.

2540

*Pectis prostrata* Cav.

"

New. Herb. Gr.

20 ft.

2541

Hyssop.

2

herb. plant 2-3 ft. high fls. light purple



Aug. 25,

Huajuquilla, State of Jalisco.

2 sp.

2542. *Hilaria cenchroides* HBK.  
Kew Hort Gr.

2543

2544

1

2545

2546

*Eleocharis*

2547

1

2548

2

*Sporobolus*

2549 *Leptocarpus aurea* Benth Hook. f.  
Comp. Kew Hort Gr.

2550

*Agrostis*

2551

1

*Lili*

2552

1

*Sporobolus*

*grasses*

*impure* fls yellow

*grasses*

*grasses*



Huajuquilla, State of Jalisco.

" " " " " "

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Road between H. + mesquite, Jalisco.

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2553

*Compositae*

2554

*Scutellaria*

2555. *Scutellaria hispidula* Rob.

Mex.

Gray. Kew. Mex.

2556

*Buellia*

2557

*Agave*

2558. *Gaudichaudia subverticillata* Rose, n. sp.  
Gray. Kew. Mex. (type.)

2559

*Ruellia*

2560

*Conium*

Mex. Kew. Mex.

2561

*Ruellia*

2562. *Ramirezella glabrata* Rose n. sp.  
Gray. H. L. Kew. ~~Mex.~~ Mex.

2563

*Ruellia*

Mex. Mex.

A  
B  
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Road bet. Huizquililla & Mesquite, Jalisco. Aug. 25

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W

2572

*Mimosa*

2

2573

*Prosopis*

1

2566. *Lagascea angustifolia* DC. ✓  
*Lagascea* Mex

2567 *Rhodosciadium pringlei* Watson. Mex.  
*Rhodosciadium* J. U.S. Herb. Gen. Kew.

2568 *Prinosciadium watsoni* C. & R. Mex.  
*Prinosciadium* J. U.S. Herb. Gen. Kew.

2 2569 *Leucaena* n. sp. 3  
*Leucaena* Mex. B.

2570 *Acacia katwegi* Benth. ✓  
*Acacia* Mex. N.Y.

2571. *Polianthes graminifolia* Rose. Tex. Mex. N.Y.  
*Polianthes* Gay St. L. Kew. Mex. N.Y.

2572. *Mimosa acanthocarpa* Benth.  
*Mimosa* Herb. Gen. Kew.

2573 *Berlandiera lyrata* Benth.  
*Berlandiera* St. L. Kew. Mex. N.Y.

2574 *Florastina pedata* Cass.  
*Florastina*



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Road bet. Huajuquilla & Mesquite, Jalisco. Aug. 25

- 2575 *Physalis* ✓  
Kew. NY. Mex  
2  
2576 *Sida* NY.  
2577 *Physalis subintegra* Fernald, n. sp.  
*Physalis* Herb. Gr. Kew. 2 sp.  
2578  
2579  
2580 \* *Ptelea* *acutifolia* Greene & Rose sp. nov.  
(*trifoliata mollis* Torr.)  
*Ptelea* J.D.S. Herb. Gr. Kew. 3 sp.  
2581. *Sida anomala* St. Hil.  
*Sida anomala* St. Hil.  
2582 *Cathartechum prostratum* Presl.  
*erectum* Vasey & Hack. 2 sp.  
2583  
2584 *Echinoppon* ✓  
Mex. NY.  
2585. *Agratum corymbosum* Zucc. var?  
*Agratum* Herb. Gr.



Aug. 25,

2586 *Thalictrum lapillosum* Rose, n.sp.

Yellow River

2887 *Parocela pectinata* (Kunt.)

John

2588 *Bonteloua hirsuta* Lag.

2589 Calochortus bonplandianus Schult. f.

Lehigh

J. L. B. Kow. Herb. Gr. M.

2590. *Quercus praeco.*

2

2592 *Manfreda brachystachys* (Cav.) Rose  
H. L.

~~Thurston~~

H. L.

2594 *Mayaranthus solanaceus* Schl.

8

2595 *Milleria quinqueflora* L.

Walden

Mr. J. M. B. Clark, Jr. New York

2546

Road bet. Ixtapaluca & Masagutas Jalisco.

Rev.

— 472 —

2 of 1

13

Mesquite

Haf.

F  
G  
H  
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J  
K  
L  
M  
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W



State of Jalisco.

Monte Escobedo

Road between Tlaxiaco & Toluca

65

1897  
Aug. 26.

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W

2597

Grasses

2598 Polianthes platyphylla Rose. type  
H.B. Kew. Gray. Mex. Mex.

2599 Polygala pringlii Watson. NY

2599a Polygala glaberrima HBK.

2600

Grass

2601 Salvia frutescens Fernald, n. sp.

Monte

2

2602

Hot Corn

2603

Rub.

2604

Grass

2605 Bidens procera Don.

Bidens

2606 Physalis subintegra Fernald, n. sp.

Physalis

2607

Indigofera



2608. *Pyrenium rossi* Rob. & Grunm.  
n. sp.

2609 *Panicum bulbosum* HBK.

2610 *Cologania intermedia* H.B.K. Nov. Gen  
N.Y.

2312

2

9413

2614. *Muhlenbergia affinis* Trin.

2617. *Baccharis pteronioides* DC.  
Baccharis

Monte Escobedo  
Road bet. Mesquitez & Monte Escobedo, Jalisco. Aug. 26.

6.

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54/5

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J  
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W



Aug. 26.

Road bet. Mesquites &amp; Monte Escobedo Jalisco.

Am. plant. at Mesquites  
 Rio Grande

Road bet. Mesquites &amp; Monte Escobedo 7000 to 7500 ft.

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1000 ft.

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V  
W

2619

Lea

2620

Anoda

2621

Euphea

2622

Oslea

2623 *Musemiopsis purpurea* C.R.H. sp. nov.  
*Musemiopsis*

2

2624

Anacardium

2625

Lupinus

2626 *Arbutus glandulosa* M. & S.

2627 *Lamourea rhinanthifolia* HBK.  
*Lamourea*

2628

Gagea-like

2629

✓

2630 *Verbena hypomalaea hypochlora*  
 Rob. & Grunm. n. var.



2631

120.

2632

42

2633

Amelanchier

2634

2635

Salmon.

2

2636

Belong

2437

Albany

2537

Leaves

Per bottle 5

Near Monte Escobedo, Zacatecas.

68

197

Aug. 26,

W  
N  
O  
P  
Q  
R  
S  
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U  
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W































J. N. Rose











2601 *Salvia fruinosa* Fernald, n. sp.  
 Mex. Herb. Gr. Kew.

2602 Common

2603 Rub.

✓

2604 Borag.

/

2605 *Bidens prostrata* Koen.

Herb. Gr.

2606 *Physalis subintegra* Fernald, n. sp.

2607 Indigofera

Gray Mex. My. ✓

2608 *Perymenium rosei* Rob. & Grunm. sp. nov.

J.D.S. Herb. Gr. Kew.

2609 *Panicum bulbosum arenaceum* (HBK.) Beal.

Mex. My. ✓

2610 *Colgania intermedia* HBK. nov. Gen.

2611 Orchid

Ames ✓

2612

Jalisco, Mex. Road betw. Mezquitero & Monte Escabedo Aug. 26, 1897.



2612 Malva

2

2613 Sporobolus <sup>trichodes A.D. Hitchc.</sup> ~~minutiflorus~~ Link.

3

St. L. New Mex Gray. Mex.

2614 Muhlenbergia affinis Trin. <sup>Mex.</sup> Brit. Mus.

(dupact?) " Sherlandieri Trin. J.D.S. Herb. Gr. Kew.

2615 Delphinium

4

2616 Ceanothus

2617 Baccharis forsterioides DC.  
Herb. Gr. Kew.

2618

✓  
N.Y. Mex

2619 Lag

✓  
Mex

2620 Anoda

2621 Cypha

1

2622 Dalea

2

2623. Muscivora purpurea C+R. n. sp

Jalisco, Mex. Road betw. Mezquiter Monte Escobedo Aug. 26, 1897

Road between Mezquiter &amp; Escobedo, State of Jalisco, Mex. Aug. 26, 1897.



2624 *Arracacia montana* C. R. sp. nov.

2625 *Lupinus*

2626 *Arbutus glandulosa* M. & S.

2627 *Samouropia rhinanthifolia* HBK.

Herb. Gr. Kew.

2628 *Prochnyanthes viridescens* Watson  
Gray.

2629

2630 *Virbina hypomalaca hypochlora* Rob. & Griseb. n. var.

Herb. Gr.

2631 Leg.

2632 Leg.

2633 *Gonolobus*



2634.

2635-*Salvia Mexicana* L.Mex. My. ✓  
12636 *Baccharis*

2637

3

2638 *H. thos*

4

2639 *Lupinus*2640 *Cotyledon*2641 *Salvia leucantha* Cav.  
Mex.

Mex. ✓

2642

*Idem*

2643

*Idem*

My. ✓

2644

*Idem*

My. ✓

Went for morning tea

In place Monte Escobedo Zacatecas  
Aug 27



2643 *Sporium*

2644

*Sporium*

2645

2646 *fung*

2647

*leg*

2648

*Humicola*

2649

*Hoffmannia*

St. L. Kuw. ✓

2651.1 *Rissolia wislizeni* Gray

*leg*

2652

*Sporium*

2653

*leg*

2654

*leg*

2655

*Phaeosphaeria*

1

In plaza Monte Escobedo, Zacatecas.

Aug. 27.

" " " " " "

"

"

"

near

"

"

"

2

"

"

1

"

"



near

In common, 8 miles south of Parí Cacabito Aug 27

Delicate stems arising a climbing

" " " " " "

10 ft. 5 ft. 6 ft. 8 ft. high, fl. white

" " " " " "

10 ft.

Oct 30 1880

" " " " " "

" " " " " "

Shrubby 20 ft high

" " " " " "

" " " " " "

Leaves small a large broad yellowish green  
about 3 ft tall fl. white - yellowish

Herb 2 ft high

" " " " " "

" " " " " " Aug 28

Herb 1 to 2 ft high

" " " " " "

2656

Cucurbit

3

2657. *Montanoa samalensis* Coult.

Comp

Herb Gr.

2658 *Thalictrum papillosum* Rose, n. sp.

Thalictrum

Herb Gr.

2659

*Prinoscladon*

2660 <sup>no</sup> *Rebacea tumida* (Findley) Rose, n. nov.

*Tridacanthus* Mx. Gray, Mo.

2

2661

Bulb

2662 *Notholaena schaffneri mexicana* Dorenp.

fern

Mx. Herb Gr. Rm.

2663 *Sotandra guttata* Don.

Scroph

Shrub

2664

Palm

1

2665

*Alcalofolium* Mx. Gray, Kew.

2666

*Andropogon*

2



Aug. 28,

near Monte Escobedo, Zacatecas.

2667 Steria viscida HBK. (S. laxiflora DC)  
Comp.

2668 Dysodia canellata Gray.  
Dysodia Herb. Gr.

2669 Eucyos

2670 Malvariscus prenglei Baker, f. <sup>Brit. Mus.</sup> Herb. Gr.  
Malvariscus prenglei Baker. f.

2671 Myrica

Mex. My.

2672 Bouteloua bromoides Lag.  
Bouteloua radicata (Fourn.) Scribn. & Smith  
Grass

2673 Mimosa minutifolia Pol. & Gussone  
Mimosa Herb. Gr.

2674 Calligonum

My. Mex

2675 Phoradendron

2676 Escal.

2677 Comp.

Colotles  
Between Monte Escobedo & Jalisco  
Climbing over stone wall

2 ft shrub 2 ft high; fls white

15 ft high

2 ft

1 ft. 2 ft high

Zacatecas



2678 *Casimiroa edulis* Kar. & Lex.

Sapota

Herb. Gr.

2679. *Prochnyanthus viridescens* Watson.

Aquatic like Mx.

2680

Heracaceum

2681. *Heterospermum pinnatum* Cav.

Birds

Herb. Gr. Kew.

2682 *Salvia leptostachys* Benth.

Salvia

Herb. Gr. Kew.

2683

Malp.

2684. *Zinnia multiflora* L.

Annual

Herb. Gr.

2685. *Quercus jaliscensis*

Oak

2686.

"

"

Oak

2687

Legum.

2688

Phaseolus

near Cololton, State of Jalisco.

Aug. 28.

" " " " " "

" " " " " " brought in market Medical, "echinilla" Cololton

Aug 29

" " " " " " On shore with between Cololton & Alacualco

Aug 30

" " " " " "

" " " " " "

" " " " " "

10 ft.

" " " " " " small trees

" " " " " "

" " " " " "

Common

" " " " " "



2689

2

Det. Colotlan & Platrado, Jalisco.

Aug. 31.

2690

2

Dry mountain

2691. *Arbutus arizonica*  
Ind. d. v. 121

1  
NY

Tree with red bark

2692 *Prinosciadium watsoni* C. R. Brit. Mus.  
Prinosciadium Mex. Herb. Gr.

2 sp.

2693. *Quercus oligodonta*

1

On the road from Colotlan State of Zacatecas

2694 *Senecio stoechadiiformis* DC. Det. J. M. Greenman.  
Comp. Mex.

2695 *Mimosa buincifera* Benth.  
Leg. Herb. Gr.

1 sp.

Two to three ft high

2696

Phacelia

Mex. N.Y.

Low creeping plant

2697

*Podium (aff. fidesillo)*

2698. *Stachys coccinea* Jacq.  
Mun.

2699

Det. L. Kew. Mex. N.Y. May

2699b

Sept. 2,







2711. *Lychnis Coronaria* L. var.

Herb. Gr. Kew.

2712. *Poa annua* L.  
*infirmus* HBK.

Grass

Kew. Herb. Gr.

2713

*Tradescantia*

2714

Mex NY

2715

*Euphorbia jocularis*

2716

*Geranium*

2717

*Lupinus*

2718

*Eryngium*

2719

*Rubus*

2720

*Quercus*

Kew. Mex. NY

2721. *Quercus rhodophlebos* apus

Cake (from trees)

State of Zacatecas,

Sept 29

Collected by ...

"

"

On Sierra de las Morones

"

Shrub 2 ft high

petals 6, small

leaves dark green

"

"

"

"

"

Small tree



Zacatecas, Sierra de los Morones.

Near Plateado.

Sept. 1,

2722

2724 *Podocarpus pulchellus* HBK.

July 8. <sup>my</sup> ~~July 8.~~ Herb. Gr. Cow. 1-

2726 *Asplenium monanthemum* Willd.

New. Herb. Gr.

2727 *Bromus ciliatus minor* L.

J.M.S. Kew. Herb. Gr. Imp.

2728 *Aerostichum pilosum* HBK.

Low. Hart G.

2730 *Calia peduncularis longifolia* Gray.

New. Herb. Gen.

2731 *Museniopsis glauca* C. & R., sp. nov.



2733. *Quercus striatula* 1

2734 *Plantago linearis capitata* Pilger  
(Det. Pilger 1922)

2735 *Quercus rhodophlebos applanata* 2

2736. *Viguiera similifolia* DC.  
Comp. Mex.

2737. *Guardiola mexicana* H. + B.  
Comp. Kew. Herb. Gr.

2738 *Passiflora sericea* (Lag.) Rose  
Dalia

2739. *Agratum corymbosum* Zucc.  
Comp. Herb. Gr. Kew.

2740 *Viguiera pachycephala* DC. similans  
*Gymnocoma megacephala* similans  
Nelson & Rose. J. R. S. Robt. + Grunm. n. var.  
Herb. Gr. Kew.

2741  
Pine

2742  
Pine

2743 *Salvia fulgens* Cav.  
Salvia

my ✓

Zacatecas, Sierra de los Morones, near Patrado. Sept. 1.

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" " " " " " " "

Halimolobos



*Dalea submontana* Pursh sp. nov.

Gray N.Y.

*Salvia angustifolia* Cav.

My My.

Gray mers. My.

2747 *Notholaena ferruginea* Desv.

Herb. Gr. Kew

2748. *Schkuhria virgata* DC.

Mex

2749 *Polymnia maculatā* Cav.

2750 *Stipa virescens* HBK.

J. M. E. Herb. Gr. New.

2751 *Porymenium subquarrosa* Arb. + Grun.  
n. sp.

2752 *Prinosciadium mexicanum* (Vatke) Wats.

See volume in cabinet near J. W. S. Nat. Ge. Mus.

Miss May

More thy

Plano, Zacatecas.

Sept 2

" " " "

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1

" " "

*[Faint handwritten notes or bleed-through from another page are visible across the top of the document.]*

1891

sup. 1111 1111 1111



2755 Agave 1

Agave humida Aub.  
2756 2

2758 *Andropogon saccharoides barbinodis*  
(Lag.) Hack.

2759 5

Gerardia

2760 *Colozania martia* wals.  
 Mex. Gray

2762. *Cosmos bipinnatus* Cav.  
Cosmos Herb. Gr.

Gray Mex. My. ✓

Gray. N.Y. Mex 3

125. *Chelone* 3

Platón, Zacatecas. Sept. 2 -



Sept. 3.

2766. *Saracha umbellata* Don.

Herb. Gr.

2767. *Piqueria trinervia* Cass.

Herb. Gr. (Cav.)

2768. *Viguiera linearis* Schz. Bip.

2769

2770

2771

*Alternanthera*

2772

*Bahia glandulosa* Griseb.

2773

*Stevia serrata* Cav.

Herb. Gr. (Cav.)

2774

2775

2776

Platrado, Zacatecas.

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3



Sept. 3.

Platero, Zacatecas.

2

2777

2778

Rub.

2779

Lepidium

Gompha

2781 Paspalum (inops Vasey.)

Grass convexum V. & B.

2782 Bouteloua chondrosioides (H.B.K.) Benth.

St. L. Gray, New Mex. Mx.

2783

Centropogon

2784 Solanum tuberosum L.

Solanum tub.

2785

Sedum

2786 Muhlenbergia (calamagrostidea Kunth. =)

quitensis (H.B.K.) Hitchc. J.D.S. Herb. Gr. Herbar.

2787

Rumex

20p.

30p.

In waste ground



Platado, Zacatecas.

- 2788  
2789  
2790  
Gray. Mex. my. ✓  
2791 *Aegopogon geminiflorus* HBK.  
" *tenellus* (Cav.) Trin. Herb. Gr.  
2792 *Pellaea ternifolia* (Cav.) Fée  
2793 *Aristida schiedeana* Trin. Rupt.  
2794. *Lycurus phleoides* HBK.  
Herb. Gr. Kew.  
2795 *Pellaea cordata* (Cav.) J. Smith.  
Herb. Gr.  
2796 *Woodsia mexicana* Fée

2798

2799

2797







Sept. 6, '97

2811

Rub

2812 *Aristida bromoides* HBK.

Gray. Kew. NY. Mex.

2813 *Missolia hirsuta* DC.

Leg

J.D.S. Kew. Herb. Gr.

2814 *Zeyheria ceanothifolia* Sch. Bip.

Comp.

St. R. Mex. Kew. NY.

2815 *Verbena serrata* Cav.

Comp.

Kew.

2816

3

Agave ~~cochlearis~~

2817

Spor

2818

Spor

2819. *Melampodium sericeum* Lag.

Comp.

Herb. Gr.

2820 *Solanum elaeagnifolium* Cav.

Solanum

2821

Cucur

Colotlan, Jalisco.

" "

" "

30 ft. climbing over stone wall

" "

" "

20 ft.

" "

" "

Colotlan

On pole sky line

" "

" "

Between Colotlan and Jalisco  
Climbing over walls fls yellow



Sept. 7

Bolano,

Bat. Colotau, Jalisco.

2

" " " " " "

" " " " " "

5

" " " " " "

2

" " " " " "

" " " " " "

10

" " " " " "

" " " " " "

2

" " " " " "

2

" " " " " "

" " " " " "

2822

Truncifolia

2823

Euphorbia

2824 Notholaena sinuata Kaulf. Brit. Mus.

fern

Jos. New. Herb. Gr.

2825 Cosmos sulphureus Cav.

Cosmos sulphureus

2826

Lobelia

2827

N. guinea Parkinsonii (Hamel) flaviflora.  
Gymnoloma parkinsonii Hemsl.

comp

Herb. Gr.

10

2828 Bacalia sessilifolia Hook. & Arn. (ex char)

Comp

2829 Pectis Canescens HBK.

Pectis canescens HBK.

New. Herb. Gr.

2

2830

Dismodium

2831

~~Lepid...~~

2832

Orchid



2833 *Liparis vericillifera* Cogn. 1,  
Orchid. My. 1

Bat. Colotlan & Bolanos, Jalisco.

Sept. 8-

2834. *Prionosciadium filifolium* C.R. sp. nov.  
Brinje St. L. My. J.D.S. Brit. Mus. Kew. Herb. Gr.

" " " " " "  
12 sp. leaflets filiform

2835 *Besleria Elegans* Schult.  
Lett. *Besleria elegans* Schult. Herb. Gr.

" " " " " "  
1 sp.

2836. *Prionosciadium serratum* C.R. sp. nov.  
Prionosciadium My. Kew. Herb. Gr.

" " " " " "  
3 sp. leaflets, flowers 2-3 ft. high

2837 *Dryopteris patula chaerophylloides* (Moritz) Baker.  
2838 *Laurella* My. J.D.S. Kew. Herb. Gr.

" " " " " "  
2 sp. 1 sp. 2 sp.

2839. *Aschynomene amorfoioides* Rose.  
J.D.S. N.Y.

" " " " " "

2840 *Thalictrum jaliscoanum* Rose, n. sp.  
Thalictrum

" " " " " "

\* 2841. *Tripsacum pilosum* Scribn. n. sp.  
Cruc. Herb. Gr.

" " " " " "  
1 sp.

2842. *Brickellia lanata* Gray.  
Comp. Kew. Herb. Gr.

" " " " " "  
1 sp.

2843 *Brownii* Gray Kew. Mex. My.

" " " " " "  
Sept. 8-13

2844. *Salvia Rosei* Fernald, n. sp.  
Mint J.D.S. My. Kew. Herb. Gr.

" " " " " "  
Sept. 8



\* 2845 *Okenia rosei* Standley sp. nov. 6

*Bromelia*

2846 2

*Bromelia*

2847 1

*Ipomoea*

2848

"

2849 2

*Cardospermum*

2850 1

*Eucalyptus*

2851 ✓

*Schizocarpus* Gray New. ~~sp.~~ My.

2852 *Missolia hirsuta* DC.

Leg.

2853. *Ramirezella glabrata* Rose, n. sp. type  
*Phaseolus* Mx.

2854 2

*Asclep.*

2855. *Euphorbia heterophylla* L. ✓  
*Euphorbia* My

near Bolson, Jalisco.

Sept 9

" " " " "

Climbing over stone fences

vine

" " " " "

Shrub 12 ft high

herbaceous

" " " " "

all leaves

" " " " "

" " " " "



2856 *Lagasea decipiens* Hemsl. ✓  
*Lagasea* St L. New Mex. N.Y.

2857 *Echinops juliscana* Roe

New Mex.

2859<sup>a</sup> *Urechynonens amorphoides* Roe <sup>New Mex. N.Y.</sup>  
*Urechynonens* <sup>Herb. Gr.</sup> *amorphoides* <sup>St L. N.Y.</sup> Roe <sup>Herb. Gr.</sup>

2861 *Loranthus*

2862 *Salvia populifolia* Fernald, n. sp.  
*Salvia* New Mex. Herb. Gr.

2863 *Conterophytum pubescens* C. R. sp. nov.  
*Conterophytum* J. D. S. (Brit. Mus.) New Mex. Herb. Gr.

2865 *Rhodocladium pringlei* Wats. <sup>Brit. Mus. Mex.</sup>  
*Rhodocladium* <sup>Herb. Gr.</sup> *pringlei* <sup>J. D. S.</sup> Watson <sup>New Mex.</sup>

2866 *Porophyllum obtusifolium* DC.  
*Porophyllum*

Bolafios, Jalisco.

Sept. 10-19

Road bet. Colotlan & Bolafios  
 Near Bolafios

7-9-



Colonos, Jalisco.

*Desmodium*

*Eupatorium dasycarpum* Gray.

Q. 10

Barina

A curly hair

2872

*Sclerocarpus uniserialis* Kunth. + Hook.  
Conf. Herb. Gr. Kew.

Conf.

Herb. Gr. Kew.

Argonia

*Calamagrostis* Gray Mex. N.Y.

2875

*Encelia mexicana* Mart.

Comp.

Herb. Gr. Kew.

✓

Bar 2nd

My Mex. Kn.



Bolanos, Jalisco,

Sept. 10-19

2

1

1

3

Leg.

Sargassum

2883. *Peperomia umbilicata macrophylla*  
C. de Candolle

*Agave*

St. L. Mex.

2

*Cassia*

2886. *Abutilon jacquini* Don. Brit. Mus.

*Abutilon* *pyramidalis* Don. Herb. Gr. Kew

*Erythrina*

*Tabea macrodon*

leaves linear

leaves peltate.

limb of leaf 2-4 # high

leaves 1-2 # high

24 ft.



Bolaños, Jalisco.

Sept. 10-19.

Sept 17 .. ..

Stems 3 fls white

Lowrise: fly blue

my. Mex

(Vasey)

2899 <sup>in part</sup> *Setariopsis latiglumis* Scribn. <sup>(Vasey)</sup> <sup>Rep.</sup>

" auriculata (Fourn.) Scribn. J. S. S. Herb. Gr. Kew. + Sep

Contr. U.S. Nat. Herb. 72259. 1913



Sept. 10-19.

2900 *Cleome humilis* Rose, n. sp.*Blomelia*

J.D.S. Kew. Herb. Gr.

Bdauas, Jalisco.

2901

*Phyllanthus*2902 *Allionia viscosa* (Cav.) O. Ktze.*Myrsine*

2903

*Celastrus*

St. L. Mex. N.Y.

2904 *Sida diffusa* HBK.*Sida diffusa* HBK.

J.D.S. Kew. Herb. Gr.

Huf.

2905 *Abutilon venustum* Watson.*Abutilon venustum* Watson.

Herb. Gr.

Huf.

2906 *Hibiscus biseptus* Watson.*Hibiscus biseptus* Watson.

J.D.S. Kew. Herb. Gr.

10 ft. + 2 ft.

2907\* *Talinum chrysanthum* Rose Standley sp. nov.

St. L. Mex. Gray. N.Y.

herb. plant.

fl. yellow

Sep 12 1895

2908

*Samolus*2909 *Anoda cristata* (L.) Schlecht.*Anoda cristata* L.

Herb. Gr.

1 ft. 4 ft. high, 2 ft. wide

2910 *Notholaena schaffneri mexicana* Dorenp.*fer*

Kew. Herb. Gr.

2 ft.



2911 *Datura quercifolia* HBK.  
Kew. Herb. Gr.

2912  
Abelaria

2913  
Kew. Mex. Mf.

2914. *Cotlea pappophoroides* Kunth  
J. & S. Kew. Herb. Gr.

2915  
Ruellia

2916 *Anoda crenatiflora glabrata* Coze, n. var. ✓  
*Anoda crenatiflora glabrata* Mf.

2917. *Mimosa fasciculata malacocarpa* Rob. n. var.  
J. & S. Kew.

2918  
Leucaena

2919 *Mimosa rosea* Robinson, n. sp.  
J. & S. Kew.

2920  
Euphorbia

Bolavos, Jalisco.

Sept. 10-19-

Shrub 70m

"

"

"

Shrub 10ft high

"

Shrub 10ft high

"

Sept 13

Sept 14



Sept. 10-19,

4 Bolanos, Jalisco.

2921

*Dioscorea*2922 *Lissocoma convolvulacea* Cham. + Schlecht.*Lissocoma*

Herb. Gr. Kew.

2923

*Lig.*2924 *Calliandra penduliflora* Rose, n. sp.*Calliandra*

J. W. S. Herb. Gr. Kew.

2925

*Calceolaria*

2926

*Calceolaria*2927 *Olöpaßpus acuminatus* Watson.*Olöpaßpus*

My. J. W. S. Kew. Herb. Gr.

2928 *Wissadula scabra* Presl.*Wissadula*

Kew. Herb. Gr.

2929 *Bouteloua curtipendula* Torr.*Bouteloua*

Herb. Gr.

2930

*Croton*

2931

*Acacia*

My.

Bolanos, Jalisco.

Shrub 12 ft high

Shrub 10 ft high; stems pendulous

4 ft high, shrubby above

Shrub 2-3 ft high with long slender branches

Shrub 4-6 ft high; fls yellow

1-2 ft

bush 4 ft high

Shrub 12 ft high



Sept. 10-19

Bolavos, Jalisco.  
15 ft high

2932

Rhombus

St L. My. ✓

2933

Colon

2934 Ceiba tomentosa (Robinson) Britten & Baker.

Ceiba grandiflora Rose

2935

Kranza

2936

Mimosa

4

shrub 20 ft high

2937

Aeschynomene fascicularis S. & C. Kew. <sup>Herb. Gr.</sup>

2938. Andropogon contortus L.

<sup>My. J.M.S. Kew. Herb. Gr. (2 med. shrub)</sup>

2939. Montanoa subtruncata Gray.

<sup>Kew. Herb. Gr. 1</sup>

2 ft high

4 ft

2 ft 5 in 8 ft high

2940

Evolvulus

2941 Bolanosa Coulteri Gray.

Comp.

My ✓

fls blue

2942

29

Tag.



- 2943 *Cosmos exigens* Gray.  
Comp. Kew. Herb. Gr.
2944. *Harpalyce mexicana* Rose, sp. nov.  
Leg.
2945. *Periptera periptera* (Simms) Rose  
Herb. Gr.
2946. *Passiflora suberosa* L.  
Passiflor. Kew. Herb. Gr.
- 2947 *Purtylla Rosii* Greenman n. sp.  
Comp. Kew. St. L. NY.
- 2948 *Porophyllum obtusifolium* DC.  
Porophyllum Kew. Herb. Gr.
- 2949 *Calochortus hartwegii* Benth.  
Lily
- 2950 *Maurandia rosei* Kunze 2  
Mth.
- 2951 *Scutellaria distans* Fernald, n. sp.  
Scutellaria Gr. H. Kew.
- 2952 1  
Pentstemon
- 2953 2  
Lysimachia

Bolavos, Jalisco.

Sept. 10-19-

20 ft.

Into west of Bolavos  
Hoped to see small shrubs with high  
fls. - 5000 to 7000 ft.

Sept. 15-17.

10 ft.

Plants aculeate.

20 ft.

Just damp, overhanging rocks  
in the

20 ft.

20 ft.

leaves linear



Sept. 15-17

Sierra Madre, west of Bolaños, Jalisco.

2954\* *Aquilegia madrensis* Rose sp. nov. 2  
*Aquilegia* *lupulina* var. *cal.* Kew N.Y.

2955 *Cosmos cichnifolius* HBK.  
*Cosmos* *lupulina* var. *cal.* Kew N.Y.

2956 *Andropogon melanocarpus* Ell.  
*Andropogon* *lupulina* var. *cal.* Kew N.Y.

2957 4

2958. *Quercus triangularis*, 2  
*Quercus* *lupulina* var. *cal.* Kew N.Y.

2959 2

2960 *Quercus pallescens* 1  
*Quercus* *lupulina* var. *cal.* Kew N.Y.

2961 2

2962 1

2963 2

2964 2

2965 .. .. 2

2966 .. .. 2

2967 .. .. 2

2968 .. .. 2

2969 .. .. 2

2970 .. .. 2

Sierra Madre, west of Bolaños, Jalisco.

Sierra Madre, west of Bolaños, Jalisco.

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Sierra Madre, west of Bolaños, Jalisco.



2965 *Passiflora sieyoides* Cham.

2966 *Museniopsis madreensis* Crk. sp. nov. <sup>✓</sup> ~~E~~  
 Pringle St. L. J. L. S. Brit. Mus. <sup>Mex.</sup> Kew. My. Herb. Gr.

2967 <sup>✓</sup>  
 My. Mex.

2968 *Polypodium aureum* L.

2969 *Isoetephane heterophylla* Benth.  
 Kew. Herb. Gr.

2970  
 Orchid

2971  
 Schrankia

2972. *Glinacorachis mexicana* Hemsl. + Rose  
 n-sp.

2973

2974 *Museniopsis purpurea* C. & R. sp. nov.

2975 *Eryngium Buchayanum* Hook. + Arn. ?  
 My.

Sierra Madre, west of Bolaños, Jalisco.

Sept. 16,

7 sp.  
 2 sp.  
 1 sp.  
 2  
 10 sp.







2987.

2

Sierra Madre, west of Bolanos, Jalisco.

Sept. 16,

2988. *Eragrostis*

*Eragrostis* = Schaffner No. 7.

2989

my 2

2990

1

2991

2

2992

2993. *Pachyphytum amethystinum* Rose sp. nov.

2994 *Isteria Rosei* Robinson, n. sp.

Comp. Mex., New.

2995 *Bidens heterophylla* Ort.

*Bidens* New. Herb. Gr.

2997 *Episcampes robusta* Fourn.

*Episcampes* New. Herb. Gr.



2998. *Quercus rhodophlebas* 2

2999. *Quercus candicans michoacana incurva*

3000 (*Prinosciadium dissectum* C.R. sp. nov.) ??

→ *Quercus jonesi*

3001 " *macrophylla* /

3002 *Epicampes bourgei mutica*

3003 *Muhlenbergia distichophylla* Munro.

3004

Pine

3005

Pine

3006

W. Pine

3007

Yellow Pine

3008 *Acacia tegulana* HBK

3009 *Acacia pericillata* = See #4195

Ames

my

my 2

my

Sierra Madre, west of Bolanos, Jalisco. Sept. 17.

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Long Pine

" " " " " "

" " " " " "

Long Pine

" " " " " "



Sierra Madre, west of Bolaños, Jalisco.

Sept. 17.

.. .. .

alt. 3000 ft. 7/17 .. ..

.. .. .

Sierra Madre, west of Bolaños, Jalisco .. Sept. 17.

Between Bolaños & Guadalupe, Jalisco Sept. 19.  
fr. yellow

3016. *Heliotropium* ... ..

3017. *Passiflora* ... ..

3009 *Alnus*

3010 *Begonia*

3011 *Salix*

3012

3013 *Terebinthus glabrescens* (S. Wats.) Rose <sup>Mex. My.</sup> 2

3014 <sup>\*</sup>*Terebinthus pubtrifoliata* Rose <sup>N.Y.</sup> sp. nov.

3015

3016 *Tillandsia*

3017

3018 *Passiflora*

3017 *Passiflora mexicana* A. Juss.

3018. *Lahlia coccinea* Cav. <sup>J.B. Kew. Herb. Gr.</sup>

3018. *Lahlia coccinea* Cav.  
*Lahlia*



3019. *Flaveria repanda* Lag.

3020. *Lysimachia virgatus* Willd.  
Kew. Herb. Gr.

3021

3022

3023

3024. *Quercus oligodonta*

3025

3026

3027

3028

3029. *Aspilota (?) aggregata* Gressman, n. sp. ✓  
My.

Bat. Bolanos + Guadalajara, Jalisco.

Sept. 19.

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Sept. 20.

- 3030 *Eupatorium pulchellum* H.B.K.  
Comp. St. L. My.
- 3031 *Gymnoloma parkinsonii* Hemsl.  
Comp. 1
- 3032 *Haba*
- 3033 *Centaurea americana* Nutt.  
Comp. Kew. Herb. Ge.
- 3034 *Lopezia glandulosa* Rose sp. nov. 1  
Lopezia N.Y.
- 3035 *Oenothera occidentalis* Rose sp. nov. 1  
Oenothera My
- 3036 *Annelin anoda* (Kunt.)  
" bella DOR My. S. L. 3
- 3037 *Juncus* (Yalisco) 1
- 3038 *Loranthus*  
Loranthus
- 3039 *Prinosciadium linearifolium* (Watson) C.R.  
Prinosciadium Kew. Herb. Ge.
- 3040 *Cacalia jatrophioides* HBK.  
Comp. Herb. Ge.

Bat. Bolanos, Guadaluajara, Jalisco.

On the road

State of Jalisco Zacatecas

Stems 6 ft high slender

Parasitic on oak

30 ft

10 ft



3041. *Pitcairnia Karwinskiana* Schult. f.  
*P. jaliscana* (Gatson) Kew. Herb. Gr.

3042  
*Conoclinium*

3043  
*Indigofera*

3044. *Gymnoloma decumbens* Robinson ✓  
 Comp. H. L. N.Y.

3045  
*Phaseolus*

3046. *Periptera periptera* (Sims) Rose.  
 Lamiaceae

3047. *Prionosciadium cuneatum* C.R. sp. nov. Brit. Mus.  
*Prionosciadium* J. D. S. Herb. Gr. Kew.

3048  
*Bursera*

3049  
*Cratogeomys*

3050  
*Salpiglossis*

3051  
*Zebrina*

Bar Bolaños & Guadalajara, Zacatecas.

Sep. 21.

2/2/20

Sept 21

State of Jalisco

some shrubby at base left high

2/2/20







1897  
Sep. 22

Det. Bolanos + Guadalajara, Jalisco.

..	..	..	..	..	..
..	..	..	..	..	..
..	..	..	..	..	..
..	..	..	..	..	..
..	..	..	..	..	..

La Piedad State of Michoacan Sept 26

Guapato State of Guanajuato Sep 26

Calbay de Tapan State of Mexico Sept 27

Delays State of Guanajuato

2063

Keokuk

3064 *Kosteletzkya paniculata* Benth.  
*Kosteletzkya paniculata* Benth.

2065

Ficus

3066 *Biden palmieri* Gray

Biden

3067

Biden

3068

Biden

3069

Biden

3070

Cinacra

3071 *Anoda cristata* (L.) Schlecht.

*Anoda cristata* L.

3072

3073 *Lencaena plumosa* Steud.



3074 *Sphaeralcea angustifolia* (Car.) Don.

3075

2

3076. *Verbena Encelioides exauriculata* R. & Grumm.

3077. *Lipachys Columnaris pulcherrima* Tr. G.

3078 *Nedeliella incarnata* (L.) Cockerell

3079. *Zinnia linearis* Benth.

J. L. S. Kew. Herb. Gr.

50 80

3452

2/28/97

A  
12-11  
Cottrell -

State of N.C. Leon

London, Saturday, June 14th 1846

On road bet. Bolaños & Guadalajara Jalisco Sep. 20

7-10



3085 *Zahlia Coccinea* Cav.

3154 *Cologania angustifolia* Kunth.

3087

3088. *Polygonum graminifolia* Rose sp. nov.

36.94

3590

244

3092

3093

173

On road bet Bolanos & Guadalajara, Jalisco. Sep. 20.

.. .. .. Zacatecas .. 21.

[illegible]

11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847

" " " " Jalisco "

22

[illegible][illegible]

10

16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 10



3096 *Ceiba tomentosa* (Robinson) Britten & Baker

3097. *Manfreda brachystachya* (Cav.) Rose.

3098 *Prochyanthus viridescens* Walp.

3100

3101

3102. *Sida acuta carpinifolia* (L.f.) Schum.

3103.

3104.

3105. *Casimiroa edulis* Har. & Lex.

3106.

3107.

On road bet. Bolanos & Guadalajara, Jalisco. Sep. 22

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" " " " " " " " " " " "

" Ab. Guadalajara, Jalisco. " " " " " " " " " " " "

Mazatlan, State of Sinaloa.

June 14-19, 1897.

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3108.

Mazatlan, State of Sinaloa.

June 17-19, 1897.

3109.

" " " "

" " "

3110. *Cenchrus echinatus* L.

Rosario, " " "

" 21, 1897.

3111.

" " " "

" 22, "

3112.

" " " "

" 24 "

3113.

Acaponeta, Territorio de Tepic.

July 3, "

3114.

" " " "

June 23-30, "

3115. *Eragrostis ciliaris* (L.) Link

" " " "

July 1-3, "

3116. *Mimosa camporum* Benth.  
H. G.

" " " "

" 4 "

3117.

" " " "

" 1-3 "

3118.

" " " "

" 1-3 "

3119. *Casimiroa edulis* Gray & Lex

" " " "

" " "

My



3 3120. *Conepiza polyandra* (HBK) Rose.

3 3121. *Dioscorea*

3 3122.

3 3123.

3 3124.

3 3125.

3 3126.

3 3127.

3 3128.

3 3129.

3 3130 *Waltheria americana* L.

3 3131. *Sida cinerea* Baker, f. g. Herb. Gr.  
Kew

Acapulco, Territorio de Tapic.

July 1-3, 1897.

June 23-30 "

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3 3144.

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3 3148.

3 3149.

3 3150.

3 3151.

3 3152.

3 3153.

3 3154. Agave

3 3155.

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Acaposta, Territorio de Tapic.

June 27, 1897.

" " " "

23-30.

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July 2, 1897.

" " " "

" 22-30, "

" " " "

June 23-30 "

" " " "

Concepcion, State of Sinaloa.

July 4, 1897.

" " " "

" " " "

" " " "



3156.

\* 3157. *Mimosa pungens* Robtson n. sp.

3158.

3159.

3160. *Sida acuta carpinifolia* (L.f.) Delann.

J. H. B. Brit. Mus. Kew. Herb. Gr.

3161. *Ceiba grandiflora* Rose

Herb. Gr.

3162.

3163.

3164.

3165.

3166.

3167.

On road between Acafoneta &amp; Rosario, Sinaloa. July 5-6, '97

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" " " " " " " " " " " "

Rosario, State of Sinaloa.

" " " " " " " " " " " 6-10."

" " " " " " " " " " " "

12 p.

" " " " " " " " " " " "

" " " " " " " " " " " 8, "

" " " " " " " " " " " 7 "

" " " " " " " " " " " 7-10."

Acafoneta, Territorio de Tepic.

" 2, "

" " " "

12 p.



3168.

3169.

3170.

3171. *Euphorbia barbellata* Eng.

3172.

3173.

3174.

3175.

3176.

3177. *Tridax procumbens* L.

3178.

3179.

On road between Acaponeta + Rosario, Sinaloa. July 4-6, 1897.

Rosario, State of Sinaloa.

" 6-11. "

" " " "

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Near Palmarita, State of Sinaloa.

" 12 "

Bar. Rosario + Colomas, Sinaloa.

" 12 "

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Foothills of the Sierra Madre, Sinaloa, near Bolamas.

July 18-20, 1897.

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July 18, 1897.

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At Bolamas.

Near " " " " " "

Above " 13-20,

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3196.

3197.

3198. *Sida acuta carpinifolia* (L.f.) Schum.

3199.

3200. *Mimosa guatemalensis* Benth.

3201. *Polypodium pectinatum* L.

3202.

3203.



320f.

3205.

2 3206.

3207. *Alchemilla*

7 3208.

3209.

3210.

3211.

3212..

3213. *Terebinthus attenuata* Rose sp. nov.

3214.

3215. *Bombax palmeri* Watson. Kew. Herb. Gr.

Foothills of the Sierra Madre, Sinaloa, near Colomas. July 13-20

Colomas

Near Colomas -

July 16.

17

21



Foothills of the Sierra Madre, Sinaloa, near Colimas. <sup>1897.</sup> July 19.

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3216.

3217. <sup>\*</sup>*Sonoxalis tridentalis* Small sp. nov.

3218.

3219. *Piper galscamum* Des. Wats. C. de Condolle. 1899.

3220.

3221.

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Foothills of the Sierra Madre Sinaloa. — Idomas. July 14, 1897.

July 13-20.

3228.

3229.

3230.

3231.

3232. *Scirpus micranthus* Willd.

3233. *Wedelia acafulcensis* HBK.

323 f. *Piper Rosei* C. DC. C. de Candolle, 1899.

3235.

3236. *Bambusa*

3237.

3238.

3239. *Zinnia linearis latifolia* Rose.







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1897

Foothills of the Sierra Madre, Sinaloa, near Colomas July 16

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Bot. Concepcion + Acaponeta, Tepic. " 29.

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Rosario, State of ~~Sinaloa~~. " 22.

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Bot. Rosario + Concepcion " " 27

3251<sup>a</sup>

3251<sup>b</sup>

3251<sup>c</sup>

3251<sup>d</sup>

3252.

3253

3254

3255

3256

3257 *Wedelia acapulcensis* HBK. St. L.

3258

3259<sup>d</sup> \* *Elaphrium occidentale* Rose  
e *Teschinthus arborea* Rose sp. nov.

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Bet. Rosario & Concepcion, Sinaloa.

July 27.

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32 3260

32 3261.

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32 3262

32 3263 *Malvastrum tricuspidatum* Gray.

32 3264

32 3265. \* *Litoralis occidentalis* Rose sp. nov. 1  
My

32 3266.

32 3267.

32 3268.

32 3269.

32 3270.

32 3271. *Melampodium Rosei* Robinson n. sp.

Field Mus. N.H.

28



3272.

32 3273.

32 3274.

32 3275.

32 3276.

32 3277.

32 3278.

32 3279.

31' 3280.

3. 3281. *Panicum stramineum* Hitchc. & Chase 1

3: 3282.

3 3283.

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Bar. Rosario + Concepcion, Sinaloa. July 28.

17

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→ Acapomea -

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near Acaponeta, Jalisco. " 29.

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18



Near Acapulco, Tzic.

July 29.

3284.

3 3285

3286. *Argemone ochroleuca* Sweet.3287. *Euphorbia*

3288.

3289.

3290. *Sida acuta carpinifolia* (L.f.) Schum.

3291. -

3292. *Sida acuta carpinifolia* (L.f.) Schum.3293. *Bouteloua hirsuta* Lag.3294. *Paspalum plicatulum* Michx.3295. *Mimosa camporum* Benth.

N. Y. J. S. Kew. Herb. Gr.

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4 + 30



- 3296.
3297. *Base shrub - 10 ft high.*
- 3298.
- 3299.
- 3300.
- 3301.
3302. *Tragopogon zinniioides HBK.*  
*Mex. Diego. Kew*
3303. *Chaetochloa liebmanni (Fourn.) Scribn.*
- 3304.
3305. *Triumfetta discolor Rose sp. nov.*
- 3306.
- 3307.

- Near Acazoneta, Tepic. July 30,
- " " " " "
- " " " " "
- " " " " "
- " " " " "
- In plaza " 31,
- " " " " "
- " " " " "
- Bat. San Blasito + Aguacata. Tepic. Aug. 5.
- Pedro Paulo. " 3
- Bat. Pedro Paulo + San Blasito. " 4.
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3308.

3309.

3310. *Couepia polyandra* (HBK.) Rose.

3311.

3312.

3313. *Prymenium tenellum* Gray. *Herb. Gr.*3314. *Museniopsis purpurea* C.R. sp. nov.

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Bet. Acaponeta &amp; Pedro Paulo. Sept. Aug. 2,

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Near Santa Teresa .. 8

Acaponeta &amp; Pedro Paulo. .. 2.

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Pedro Paulo.

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Pedro Paulo, Tepic.

Aug. 2

3320

3321. *Dioscorea plumifera* Rob.  
Herb. Gr.

3322. *Dorstenia*

3323. \* *Lonoxalis macilenta* Small sp. nov.

3324.

3325. *Dryopteris parasitica* L.

3326. *Dryopteris parasitica* L.

Herb. Gr.

3327. *Dryopteris ampla* (Mett.) Gilbert.

3328.

3329. *Zinnia greggii* Rob. + Greenm.

3330. *Dryopteris contermina* (Willd.) Kuntze

3331.

Bar. Santa Gertrudis + Santa Teresa, Tepic

Pedro Paulo

Aug. 3

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1897  
Aug. 6

Bar. Aguacatilla & Dolores, Tlaxcala.

Bar. San Blasito & Aguacatilla.

Aug. 5.

Bar. Pedro Paulo & San Blasito, Tlaxcala.

Aug. 4.

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3336. *Cracca submontana* Rose, sp. nov.  
Mex., Gray, New. Pringle

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3341. *Cuphea cristata* Rose, n. sp.

Herb. Gr.

3342

3343. *Verbena rosei* Rob. & Grunm. n. sp.  
Kew. Herb. Gr.



3344. *Arundinaria longifolia* Fourn.  
Kew. Herb. Gr.

3345.

3346. *Pellaea seemanni* Hook.

3347.

3348.

3349.

3350.

3351. *Panicum* <sup>*hirticaule* Presl</sup> ~~*capillare* L.~~

3352.

3353.

3354.

3355.

Bar. Pedro Paulo & San Blasito. Tepic Aug. 4.

near San Blasito " "

Bar. " " & Aguacata. " 5.

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" Aguacata & Dolores " 6

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3356.

3357. *Turnera ulmifolia caerulea* (DC.) Urb.

3358.

3359.

3360. \* *Odonia incana* Rose sp. nov.

3361. *Panicum bulbosum* HBK.

3362.

3363. *Quercus haematophlebia*

3364.

3365. *Calliandra laevis* Rose, n. sp.

3366. *Pellaea angustifolia* (HBK) Baker.

3367. *Malaxis fastigiata* Kunze. Det. Ames. 1922.

Bet. Aguacota + Dolores, Tepic.

Aug. 6,

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Dolores. Aug. 6-7

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Bet. Dolores + Santa Gertrudis

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Bat. Dolores - Santa Gertrudis, Tex. Aug. 7.

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Top of Sierra-Madre Bat. Santa Gertrudis + Santa Teresa.

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3368. *Spiranthes caltensis* Ames

3369.

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my

3370.

3371. *Peperomia umbilicata* R. et Pav.  
C. de Candolle 1899.

3372. *Thalictrum pringlei reticulatum* Rose, n. m.

3373. *Pellaea marginata* Baker.

3374.

3375. *Eryngium Beecheyanum* Hook & Arn.

3376.

3377.

3378. *Verbesina madrensis* n. sp. ✓  
my.

3379.







Aug. 10.

Santa Teresa, Tapas.

2

3392.

3393.

3394.

3395. *Mimosa acanthocarpa* Benth.

3396. *Cosmos crithmifolius* HBK.

3397. *Turbinia stricta* Gray.

3398. *Quercus Rossii*

3399.

3400.

3401. *Eryngium Beccheyanum* Hook & Arn.

3402.

3403. *Pellaea ternifolia* (Car.) Fée

Kew. Herb. Gr.

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3404. *Eryngium Beecheyanum* Hook & Arn.

3405

3406. *Liabum angustissimum* Gray.  
How. Herb. Gr.

3407. *Salvia prunifolia* Germalde, n. sp.

3408. *Polygala alba* Nutt.

3409. *Phoradendron scaberrimum* Trell.

3410.

3411.

3412.

3413. *Calcea palmieri* Gray.

3414.

3415. *Dryopteris patula* (Sw.) Underw.

Santa Teresa, Tapic.

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Santa Gertrudis.

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Santa Teresa.

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Near Santa Gertrudis.

Santa Teresa.

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Aug. 11.

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Aug. 10<sup>8-</sup>Sierra Madre-  
Santa Teresa, Tepic.

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Bar. Pedro Paulo &amp; San Blasito. " 4.

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Bar. Acaponetla &amp; Pedro Paulo. Tepic. " 2

" Dolores &amp; Santa Gertrudis. " 7

" Aguacata &amp; Dolores. " 7

Santa Teresa, Tepic. " 7

3416. *Pellaea angustifolia* (HBK.) Baker.3417. *Chaetochloa imberbis* (Poir.) Scribn.3418. *Eupatorium leptodictyon* Gray.

3419.

2

3420. *Epidendrum adenocarpum* Lb. & Lex.  
[det Ames 1923]

3421.

3422.

3423. \* *Inoxalis tenuissima* Rose sp. nov. 1

3424. Sisa

3425.

3426.

Con. in Book #6

3427.



Plants of Mexico.

J. N. Rose.











3438.

3439. *Musenopsis ternata* (Watson) CrR.

3440.

3441

3442. *Phoradendron bolleanum* Eiche

3443.

3444.

3445. *Euphorbia lasiocarpa* Klot

3446. *Quercus candicans michoacana*

3447.

5448. *Waltheria detonsa* Gray.  
*Sonchalis compacta* Rose sp. nov.

3 3449. *Quercus Rosei*

Sierra Madre, Santa Teresa, Tapic.

3  
189  
Aug.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

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Sage 13



3450.

3451.

3452.

3453.

3454.

3455.

3456. *Eryngium Rosei* Hemsl.

3457. *Quercus Rosei*

3458. *Quercus Rosei*

3459. type. *Cologetaria capitata* Rose, n. sp.  
Mr. Gray.

3460. *Arceuthobium*

3461. *Arbutus glandulosa* M. & S.

Sierra Madre, Territorio de Tepic. Aug. 13.

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Ihuasemote Durango. 15.

Sierra Madre, Territorio de Tepic. 13.

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3462.

3463. *Arbutus glandulosa* M. & S.

3464.

3465.

3466.

3467. *Hecktea* sp.

3468.

3469.

3470. *Acarella* nov.

3471. *Odontotrichum scabrum* Rydb.  
May! Type!

3472. *Musenopsis purpurea* C. & R., sp. nov.  
? 729 *Aurelia scabra* Kuntze

3473.

Sierra Madre.  
Territorio de Tepic.

Aug. 13.

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Sierra Madre, Durango.

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3498.

3499.

3500. *Euphorbia* <sup>*polystachya*</sup> ~~*orthocarpus*~~ (Gray) Wats.3501. *Aspicarpa lanata* Rose, sp. nov.3502. *Panicum compactum* Sw.  
*lasiacis compacta* (Sw.) Hitchc. Herb. Gr. Kew.

3503.

3504. *Passiflora suberosa* L.3505. *Thalictrum madreuse* Rose, n. sp.

Alt. 5200 ft.

3506.

3507.

3508.

3509.

Near Iquasmots, Durango.

Aug. 15.

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Sierra Madre, Durango.

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3570.

3571.

3572. *Meserriopsis reticulata* C. & R. sp. nov.

3573. *Euchlaena mexicana* Seberad.

*Tipsacum filiosum* Scribn. Merr.

3574.

3575. *Polianthus durangensis* Rose, sp. nov.

3576.

3577.

3578.

3579. *Clitoria triflora* Wats.

3580.

Alt. 7500 ft.

3581.

Sierra Madre, Durango.

Aug. 15

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Zacatecas



3522.

Alt. 8500 ft.

3523.

3524.

Alt. 5300 ft.

3525. *Eryngium*

= Schaffner No. 7.

3526. *Eryngium Rosei* Hemsl.

Alt. 8500 ft.

3527. *Muhlenbergia affinis* Trin.

3528. \* *Epicampes macrotis* Piper n. sp.

3529.

3530.

3531. *Brumella vulgaris* Linn.

3532.

3533. *Aspilia albiflora* Gray.

Sierra Madre, Zacatecas.

" " Durango

" " Zacatecas

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'97

Aug. 16,

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3534. *Salvia nana* HBK.

3535. *Arceuthobium*

3536. *Turnera pringlei* Rose, n. sp.

3537.

2

3538.

3539. *Nedeliella glabra* (Choisy) Cockerell

2

Gray n. sp.

3540.

3541. *Missolia hirsuta* DC.

3542.

3543.

1

3544.

2

H. L. Kew. My.

3545.

4

My. St. L.

San Juan Capistrano, Zacatecas.

Aug. 18.

Sierra Madre

San Juan Capistrano,

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3546 *Eupenhardtia orthocarpus* (Gray) Wats.  
<sup>reticulata Hemsl.</sup>  
 Kew. Herb. Gr.

3547.

3548.

3549.

3550.

3551.

3552.

3553. (*Sida alamosana* Wats.) <sup>Type</sup>  
*Anneslia colomaseensis* B & R

3554.

3555.

3556. *Hechtia*3557. *Acaena intermedia* Hemsl.

San Juan Capistrano - Zacatecas.

Aug. 22.

23

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2



3558.

3559.

3560. *Agave cochlearis* Jacobi.

Hort. Gr.

3561. *Melampodium sericeum* Lag.

Hort. Gr. Herb.

3562. *Turnera palmeri* Wats.3563. *Eupatorium collinum* DC.3564. *Pithecolobium acatense* Benth.

3565.

3566.

3567. *Eupenhardtia <sup>polystachya</sup> orthocarpus* (Gray) Wats.

3568.

3569. *Eigera delphinifolia* Willd. ✓  
my

Ihuajuquilla, Jalisco.

Aug. 24.

Road bet. Ihuajuquilla &amp; Marquites, Jalisco



3570. *Tripsacum lemmonii* Vasey.  
*lanceolatum* Rupr. Herb. Gr.

3571.

3572. *Mimosa monanista* Benth.

3573.

3574.

3575 *Odontotrichum amplum* Rydb.  
Gray! Type!

3576

3577.

3578.

3579. *Anoda cristata* (L.) Schlecht.

3580.

3581.

Road bet. Tuziguiella & Mesquitas Jalisco. Aug. 25

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Mesquitas

On road bet. Mesquitas & Monte Escobedo. ..

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On road bet. Masquitero Monte Escobedo Jalisco. Aug. 26.

3582. *Malaxis montana* (Roth) Reintze "Probably"  
Det Ames 1922.

3583.

3584. *Arracacia montana* C.R. sp. nov.

3585.

3586.

3587.

Alt. 7100 ft.

3588.

3589. *Prionosciadium macrophyllum* C.R. sp. nov.

JOS. Brit. <sup>mp.</sup> ~~flora~~ Kew. Herb. Gr.

3590.

3591.

3592.

3593.

✓  
mp.

Near Monte Escobedo. Zacatecas. 27



3594.

3595. *Prionosciadium watsoni* C. & R.

3596.

3597.

3598. *Eryngium Wrigleyi* Ag.

3599.

3600.

3601.

3602. *Paspalum pubiflorum* Rupr.

3603. *Cenchrus echinatus* L.

3604. *Chloris elegans* HBK.

3605. *Eragrostis neo-mexicana* Vasey.  
mexicana (Vasey) Link

Near Monte Escobedo-Zacatecas.

Aug. 27.

" " " " " "

" Zacatecas. " 28

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On the road to Colatlan, Jalisco. " 21

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Colatlan, Jalisco. " "

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Aug. 29

Coloatan, Jalisco.

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On road bet. Coloatan + Pateado - Zacatecas 3 1

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3606. *Bidens palmieri* Gray.  
*Echinochloa colonum* (L.) Link. in Contrib. U.S. Nat. Herb. 11: 257

3607. *Chaetochloa imberbis geniculata* (Poir.) Scribn.

3608. *Grindelia squarrosa hirtella* Rob. Grunm.  
New. Herb. Gr. Mex.

3609. *Polypodium lanceolatum* L.

3610. 2

3611. .

3612.

3613. *Coloaria scandens* R. & S. nov!

3614.

3615.

3616.

3617. *Melampodium sericeum* Lag.  
908.



3618.

3619.

3620. *Arracacia montana* C.R. sp. nov.

3621.

3622. *Piguia trinervia* Bass.3623. *Heanea montana* C.R. sp. nov.

4 1/2 ft. high. Alt. 9000 ft.

3624. *Eupatorium pulchellum* H.B.K. ✓  
St L. NY.

3625.

Alt. 7800 ft.

3626.

3627. *Salvia leucantha* Cav.3628. *Stachys coccinea* Jacq.

Herb. Gr. New York

3629. *Pageta micrantha* Cav.

Queroag Int. Colotay &amp; Plateado Zacatecas. Aug. 31.

Sierra de los Morones near Plateado. " Sep. 1.

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Near Plateado " " 2.

Sierra de los Morones near Plateado " 1

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Near Plateado " " "



Zacatecas.

Sierra de los Morones, near Plateado.

Sept. 1.

3630.

3631. *Eryngium*

= Schaffner No. 7.

3632. *Anoda cristata* (L.) Schlecht.

3633. *Hieracium*

3634.

1 to 2 ft high.

3635.

3636.

3637.

3638. *Salvia mexicana* minor Benth.

" *Salvia mexicana* minor Benth.

3639.

3640. *Lamoureauxia multifida* HBK.

Alt. 8600 ft.

3641. *Marubium vulgare* Linn.

" *Marulio*"

Near Plateado, Zacatecas.

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Sept. 3-

3642. *Cosmos bipinnatus* Cav.3643. *Anneslia*

w. duff.

3644. *Gnaphalium purpureum* var. *americanum* Blatt.

3645.

3646. *Lamourea rhinanthifolia* HBK.

Herb. Gr.

3647. *Montanoa purpurascens* Rob. + Grunm. n. sp.

J. W. S. Kew. Loose shrub. 8 ft. high Mex.

3648.

3649. *Tournefortia subguarrosam* Rob. + Grunm.

Herb. Gr.

3650.

3651. *Peregia rigida* Gray.3652. *Dysodia chrysanthemoides* Lag. (det J. M. G.)St. L. ~~my~~ my! ✓ R3653. *Viguiera exulsa* Benth. + Hook.

Plateado, Zacatecas.

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Road bet. Plateado + Colollan, Jalisco. 5-

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1897  
Sep. 7-9,

3666. *Chrysanthellum mexicanum* Griseb.

3667.

3668.

3669.

3670.

3671.

3672. *Tragopogon microglossum* DC.  
Mex. M.J.

3673. *Villanova pratensis* Benth. & Hook. f.  
St. L. M.J. J.M.B. Brit. Mus. Kew. Herb. Gr.

3674.

3675. *Prionosciadium watsoni* C. & R.

3676.

3677. *Heterospermum pinnatum* Cav.

Bet. Colatlan & Bolanos,

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Bet. Colatlan & Bolanos. Jalisco.

Sep. 8-

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3678.

3679.

3680. *Latura villosa* Fernald, n. sp.3681. *Museniopsis peucedanoides* (HBK) C. & R.

3682.

3683.

3684. *Boerhaavia erecta* L.3685. *Zinnia bicolor* Hemsl. ex.3686. *Zinnia bicolor* Hemsl. ex.

Kew. Herb. Gr.

3687. *Ceiba tomentosa* (Robinson) Britten & Baker.3688. *Latura discolor* Bernh.

3 3689.

Santa Maria  
Bet. Colatlan & Bolanos, Jalisco.

Sept. 7-9-

Bolanos, Jalisco.

Sept. 10-19

Road bet. Colatlan & Bolanos,  
Near Bolanos.

" 7-9

Bolanos, Jalisco

" 10-19

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Sept. 10-19-

Bolaños - Jalisco.

3690.

3691. *Pectis prostrata* Cav.

Hort. Gr.

3692. *Pithecolobium acutellense* Benth.

3693.

3

3694. *Aristida pectinata* Kunth

M. Mex

3695.

3696. *Sida anomala* St. Hil.

Brit. Mus. Hort. Gr.

3697. *Gossypium barbadense* L

3698.

3699. *Eragrostis* <sup>*limbata* Swin.</sup> ~~*purshii* Hort.~~3700. *Gymnoloma parkinsonii* Hemsl.

3 3701.

Tierra Madre, west of Bolaños.

15-



3702. *Indigofera Palmeri* Watson.

Kew. Herb. Gr.

3703. *Steria viscida* HBK. (*S. laxiflora* DC.)

3704.

3705.

3706. *Prionosciadium watsoni* C. & R.

3707.

3708.

3709.

3710. *Polypodium thysanolepis* A. Br.

3711. *Malaxis fastigiata* (Rochb. f.) Kuntze  
Det. Ames 1922.

3712.

3713. *Liparis vexillifera* Cogn.

Sierra Madre, west of Bolanos, Jalisco. Sep. 15.

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Sierra Madre west of Bolanos, Jalisco. Sep. 16,

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Near Plateado Sept 4

Near Santa Teresa, Top of Sierra Madre, Tepic. Aug. 13.

Bolanos, State of Jalisco. Sept. 10-19.

Guaymas .. .. Sonora. June 5-11

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.. .. .

3738.

3739. *Eryngium Beecheyanum* Hook & Arn

3740 *Notholaena nirea* Desv.

3741

3742

3743 *Amnecia rubida* S. Hook

2

3744

3745. *Neogroezia planipetala* Kuntz.

3746.

3747.

3748. *Tamarindus indica* L

3749.



1897

Aug. Sept.

Western Mexico.

State of Zacatecas, on rd. to Huejuquilla. Aug. 23.

" " Durango.

" 16/

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El Paso, Texas.

June 1, 1897.

Sierra Madre, State of Zacatecas Aug. 18, "

" " " " Sinaloa  
Colomas. Alt. 3000 ft.

July 18, '97

Sierra Madre, Territorio de Tepic. Aug. '97

El Paso Texas

June 1/97

In Plaza, Monte Escabada, Zacatecas. Aug 26/97

Bulbs obtained from London England and  
flowered in Bot. Gard. March 18983750. *Prochymauchen viridescens* Watson.

3751.

3752.

3753. *Malaxia rosei* Ames n. sp.  
rod. dupls

3754.

3755.

3756.

3757. *Asterella lateralis* M. A. Hower.

3758. " " " "

3759. *Echinocactus longispinus* (Helms) Centropomus Engelm.3760. *Peucedanum graveolens* (L.) Benth. Hook.3761. *Bravoa geminiflora* Lex



1897.

Near San Juan Capistrano, Zacatecas, Mexico. Aug. 20.

Acaponeta

June 23 to 30 1897

with 2363

On the road between Colotlan &amp; Bolmos Sept 8/97

Flowered in Bot Garden from bulbs sent  
by J. Reuchon from Dallas Texas in 1896.  
Mts west of Bolmos Sept 16 1897

Along stream near Acaponeta July 1897

One bulb only collected.

One living specimen brought back from  
ranch Monte Escobade Aug 26 to 27,  
Santa Teresa, Tlax. Aug. 9, 1897

On road from Huajuquilla to Mesquites " 25 "

Santa Teresa - " 13 "

Huajuquilla " 24 "

3762. *Anoda pentachista* Gray. Brit. Mus.  
J.H.B. Herb. Gr.3763. *Conaralia*3764. *Lupinus elegans* HBK.?3765. *Mangifera oliveriana* Rose sp. nov.3766. *Cooperia Drummondii* var3767. *Euphorbia clavata* Lex = 83

J.H.B. Kew. Mp. Herb. Gr.

3768. *Hymenocallis*3769. *Agave Vestita* Watson3770. *Agave cochlearis* Jacobi.

3771. " " "

3772. " "

3773. " "



3774. *Agave*  
 3775. "  
 3776. "  
 3777. "  
 3778. "  
 3779. "  
 3780. "  
 3781. *Cologania scandens* Rose  
 3782. *Nicotiana rustica* L  
 3783. *Acacia farnesiana* Willd  
 3784. *Biophytum*  
 3785. <sup>(A. 146)</sup> *Tillandsia archersoniana* Wittm.

- Acapulcā, Tlaxc.  
 On road bet. Tlaxc. & Masquiter. Aug. 25, "  
 Colatlan. Sept. 6. "  
 Altata. June 17. "  
 Mazatlan " 19 "  
 Probably Dolores. Aug. 6 "  
 Dolores Sept. 10-17, "  
 Near Huizapilla Aug 25/97  
 San Blasito Tlaxc. Aug 5/97  
 Called "Tobacco de machuci"  
 near Colomas July 21/97  
 Bot. Garden Sept. 11, 1900.



3786. *Luffa acutangula* Roxb

3787. <sup>A. 147</sup> *Jillandsia*

3788. *Phyllactinia corylea* (Pers.) Karsten  
Hort Caesentia elata fide D. Paulou

3789. *Brophytum*

3790. *Ageratum corymbosum* Zucc. var.

3791. *Spilanthus Beccabunga* DC. ?

3792. *Acacia gladiata* Safford n. sp. -  
= Gregg's no. 1135 in Missouri Bot. Gard

3793. *Rhynchospora cristata*

3794.

3795.

3796.

3797.

Green House Dept Agr.

Oct 16 / 1900

~~Smelva~~

Nov 10

J. M. Rose 1897

Bobbard

Nov. 21 / 1900

This plant is 16 years old and was brought from Scotland.  
Between Pedro Paulo & San Blasillo, Mexico, Aug. 4, 1897.

Sierra Madre, near Santa Teresa, Mexico.

Aug. 9, 1897.

Acapulco, Tepic, Mexico, July 30, 1897

Hers.

North Orange

Aug 11 1897



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4000. *Hymenocallis ovata*4001. *Bereus*

Bot Gard

July 29/98

Bot Gard. Nov 1897



4002. *Cereus martinianus* Zucc.  
" " "

4002

4003. *Bloomeria Clevelandi* Watson

4004. *Cotyledon*

4005. *Cotyledon gibbiflora natalia* Baker.

4006. *Evolvulus jacquimontii pyrenocapitata* Benth.

4007. *Glycosmis citrifolia* Lindl.

4008. *Hymenocallis*

4009. "

4010. *Cotyledon*  
~~*indica*~~

4011. *Euphorbia*

4012. *Myrica whipplei* Torr.

4013. *Agave sobria* Brand ?

Bot. Gard

Nov 1897

Botanical Gardens, Washington D.C.

Dec. 22, 1897.

Botanical Gardens, Washington D.C.

Dec. 22, 1897.

Grown in Greenhouse, Dept. of Agriculture  
from Mexican seed

Nov. 27, 1897

Botanical Gardens, Washington D.C. Nov. 1897

Botanical Gardens, Washington D.C. Nov. '97

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Plants collected by Dr. E. Palmer at Durango,  
Mexico. Spec. prepared by J. N. Rose. - Nov. 8, 1897.  
Botanical Gardens, Washington D.C. Oct. 30, 1897

Plants sent by Mr. H. M. A. Miller, from San Andres,  
Lower Calif., Mex. Spec. prepared by J. N. Rose. Oct. 26, 1897  
Plants sent by Mr. H. M. A. Miller, from Calumalli,  
Baja Cal. Mex. Spec. prepared by J. N. Rose. Oct. 30, 1897.



✓ 4014. *Passiflora liebmanni* Nash.

✓ 4015. *Phaseolus*

✓ 4016. *Acalypha*.

✓ 4017. *Phorby tenuis* Vasech.

✓ 4018. *Oreopanax plataniifolium* Dcne & Planch.

✓ 4019. *Sciadophyllum*

✓ 4020. *Erythrina*.

✓ 4021. *Erythrina*

✓ 4022. *Erythrina*

✓ 4023. *Erythrina*

✓ 4024. *Berlandiera lyrata* Benth.

✓ 4025. *Martynia*

Cult. in Greenhouse, Dept. Agr., from Oct. 1897.  
May seeds.

Cult. in Greenhouse - Dept. Agr. '97

Botanical Gardens, Washington D.C. '97

Cult. from May seeds  
Botanical Gardens, Washington D.C. '97

Botanical Gardens. " " '97

Botanical Gardens. " " '97

Greenhouse: Dept. of Agriculture Oct. 26, '97

Greenhouse: Dept. of Agriculture Oct. 27, '97

Greenhouse: Dept. of Agriculture Oct. 27, '97

Greenhouse: Dept. of Agriculture '97

Durango, Mexico } Spec. prepared by  
Seeds coll. by Dr. E. Palmer 1896 } J. H. Rose. 1897.

Durango, Mexico } Spec. prepared by  
Seeds coll. by Dr. E. Palmer 1896 } J. H. Rose - 1897.



4026. *Pavonia malacophylla* Wright.

4027. *Malvastrum lanceolata* Rose, n. sp.

4028. *Pedum*.

4029. *Juglans*.

(Hybrid bet. a Japanese species & the black walnut)

4030. *Pereskia bleo* DC.

4031. *Phaseolus*.

4032. *Dasylium*.

4033. *Agave yuccaeifolia* DC.

4034. *Phaseolus texellensis* A.B.R.

4035. *Agave spatulata* Rose

4036. *Sisymbrium canescens* Nutt.

4037. *Succisa Deppeana*.

Seed found by Mr. Goldmann.

Green House; Dept. of Agr. Jan. 14, 1898

Cult. from Mex. seeds. Green House, Agr. Dept. Jan. 14, 1898

Green House; Agr. Dept. — 1897.

Bot. Gard. May 1, 1897.

Green House; Agr. Dept. May 11, 1897.

Green House; Dept. Agr. 1897

Seed collected by Dr. Edw. Palmer at Manzanillo, Mex.

Bot. Gard. Nov. 1, 1897.

" " Feb. 1898.

Green House Dept. Agr. Feb 21 1898

= *Pelms* no 62 (1?)

Bot. Gard. March 1898

flowering

Green House Dept. Agr. April 5th 98 Seed obtained  
at Guaymas. Said to have come from Altar.

Seed Col. Number 20332

Dept. Agr. April 6/98 Seed Col. No 21468



4038. *Dyplazya rigida* Rose.

HA (red. Ind. Ind.) *Manfreda*

4039. *Ochma multiflora* A.C.

4040. *Agave univittata* Haw.

4041. *Agave pinnosa* Lem.

4042. *Agave morrisii* Baker.

4043. *Agave pinnosa* Lem.

4044. *Agave univittata* Haw.

4045. *Agave engelmannii* Trelease.

4046. *Nymphaea*

4047. *Crinum longiflorum* Thunb.

4048. - - - - -

4049. *Manfreda virginica* (L.) Salzb.

grown in greenhouse Sept. Agm. from  
specimens sent from Cal.

Bot. Gardens.

April 12, 1897.

Leaves sent from Royal Gardens, New England.  
May 10, 98.

Jamaica, West Indies

Spec. prepared by J.N. Rose

May 12, 98

Leaves from Botanical Gardens

Spec. prepared by J.N. Rose.

May 11, 98

Leaves sent from Missouri Botanical  
Gardens. Specimens prepared by J.N. Rose.

May 23, 98

Bulbs sent by Dr. C. Palmer from  
Topolobampo, Mexico. Flowered in Bot. Gard.

June 8, 1898

Botanical Gardens -

1898

Fl. Charles, Texas. Dr. E.A. Mearns

1898

petals lemon colored but bright red at base; filament red at base.

Flowered in Bot. Garden.

June 8, 1898.







4062. *Thrinax parviflora* Desv. native of Jamaica.

4063. *Abroma angusta* L.

4064. *Vallota purpurea* Herbert.

4065. *Billbergia thysoides* Mart.

4066. *Echinocactus capricornis* A. Dietr.

4067. *Opuntia*

Stems 4 to 5 feet high, joints bluish green, slightly

4068. *Opuntia* stems 3; spines 1 or 2 long; areoles none.

Plant 10 to 12 feet high, joints 12 in. or more long

4069. *Cereus "jamaicensis" DC* Stem erect, simple, 3 feet high

4069a. without white within; areole spine 6, central 3.

4070. *Hymenocallis*

4071.

4072. *Cereus "colembaenus" Otto* Stems slender about 11, low flowers large nearly

4073. *Agave lecheguilla* Torr.

Cult. in Botanical Gardens. June 24, 1898.

" " " " " " "

" " " " " 29 "

" " " " " 16 "

from the collection

glaucous; larger spines about 3, flowers yellow throughout.

July 19/98. Bot. Gard.

glabrous light green; buds red; flowers open, 2 in. broad, yellow <sup>with red</sup> tinged, flowers including ovary 7 inches long, purplish

Bot. Gard. July 22/98

" " " " "

about 1 in in diameter, erect, 4 to 6 feet high, ribs white outer lobes brownish,

Cult. in Botanical Gardens.

July 25/98



50

4074. ✓ *Cereus* "jamaicensis" Stems upright.  
 few scattered; sepals greenish pink; petals pure  
 4075. ✓ *Cereus* "tortuosa" Forbes Stems weak  
 low fruct small, ovate acute Ray in  
 4076. ✓ *Ipomoea maculosa* (Hook) Rose  
 leaves with green spots, lig. marooned; tube short.  
 4077. ✓ *Cereus radicans* DC.  
 4078. ✓ *Cereus macdonaldiae* Hook.  
 (Stems hanging)  
 4079. <sup>= 4074</sup> *Cereus* triangularis  
 4080. ✓ *Taxodium*  
 4081. ✓ *Tillandsia utriculata* Seconb.  
 4082. ✓ *Cereus*.  
 4083. ✓ *Euphorbia*  
 4084. ✓ *Crinum longifolium*  
 4085. ✓ *Crinum*

fruit oblong,  $2\frac{1}{4}$  inches long.



4086. *Cereus tortuosus* Forb  
 4087. " *Silicenus* ~~SD~~ ?  
 4088. *Cinum macowanii* Baker.  
 4089. *Cereus Baumannii*  
 4090. *Agave xylomastix perbella*  
 4091. *Agave*  
 4092. *Agave macracantha*  
 4093. *Hymenocallis* <sup>caymensis</sup> *caymensis* Hub.  
 4094. *Agave confusa* Rose n. sp.  
 4095. *Agave*  
 4096. *Hymenocallis* *caubaea* Hub.?  
 4097. *Agave* *angustissima*

- Bot Garden Aug 1898  
 Bot Gard Sept 1898  
 " Sept 7/98  
 " Sept 7/98  
 " Sept 8/98  
 " Sept 9/98  
 " Sept 13/98  
 " Sept 15/98  
 Green House Dept. Agr. Sept 15/98  
 Bot Gard. Sept 22/98



4098. <sup>4079</sup> *Cereus triangularis* Mill.

4099. *Agave*

4100. *Echinocactus setispinus* Engelm. & Gray.

4101. *Agave* *floccida*?

4102. *Cereus americanaensis* Heese.

flowers white; petals about 14,

4103. ~~*Polianthes*~~ *lutea* L.

4104. *Agave multilincata*

4105. *Stapelia serotina* Mass?

4106. *Opuntia polyantha* Haw.

4107. *Billbergia thyrsoidea* Mart.

4108. *Sansevieria cylindrica* Boj.

4109. *Crinum asiatica* L.

Bot. Gard.

Sept 26/98

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Collected by James R. Moorhead Pecos Sept. '98.  
High Bridge, Pecos Co., Texas. Spec prepared by J. N. Rose  
Bot. Gard. Sept. 27/98

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" 28 "

Sept 28.

Sept 28

Bot. Gard.

" 30.

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July 12, '98

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June 16, "

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July 13 "

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Oct. 4, "



4110. *Opuntia ficus indica* ?  
(flowers red)
4111. *Cactus grahami* Coult.  
Plants sent to Bot. Gard.
4112. *Opuntia*  
fruit purplish - stems creeping
4113. *Pereskia aculeata* Mill.  
4113 in fruit: fruit yellow thorny
4114. *Polygonum<sup>es</sup> tuberosa* L.  
(In cultivation)
4115. *Ariocarpus fissuratus*
4116. *Phyllocactus latifrons* Walp.
4117. *Ariocarpus kotschyanus* (Lem) K. Sch.
4118. *Amorpha* ?? see fruit in bottle
4119. *Agave attenuata* Salmdyck
4120. *Agave dasyleioides* Jacobi & Bouché
4121. " *striata* Zuccar

- Bot. Gard. Oct. 4, 1898
- Specimens sent by J. R. Lee, Monitor,  
Arizona & prepared by J. N. Rose, Oct. 4, 1898  
Bot. Gard. " 5 - "
- Fruit in Seed collection.  
Bot. Gard.
- Washington, D.C. Sept. 1898.
- Pecos High Bridge, via Logan P.O. Val Verde Co., Texas.  
Coll. James R. Moorhead. Spec prepared by J. N. Rose Oct. 4, 1898.  
Bot. Gard. Oct. 21, "
- " " Sept. 28, '98.
- Bot. Gard. Dec 1/98
- " " Jan 30 /89



4122. *Piranga kuhlii*  
 4123. *Agave striata* Zucc.  
 4124. *Ilex cornuta*  
 4125. *Duranta plumaria*  
 4126. *Agave dasylirioides*  
 4127. *Agave*:  
 4128. *Agave Taylori*  
 4129. *Oxalis lasiocarpa* Graham  
 4130.  
 4131.  
 4132.  
 4133.

- Botсад Feb 1899  
 fruit l. + fl. (ft sent to S.C.)  
 Leave sent from no. Botсад. Feb. 1899  
 Botanic Garden. 1898.  
 " " Oct. 11, "  
 " " Aug. 17, "  
 " " Feb 7 1900  
 " " Sept 16 1899  
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4134.

4135. *Nicotiana plumbaginifolia* Viv.

4136.

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4140. *Datura discolor* Bernh.

4141.

4142.

4143.

4144.

4145. *Agave*

Batonville, Mississippi. May 5, 1899.

" " " "

Grown in the Missouri Bot. Gardens, St. Louis. Aug. 1899.



414146. Agave.

414147. Agave

414148. Agave

414149. Agave

414150. Agave

414151. Agave

414152. Agave

414153. Agave

414154. Agave

414155. Agave

414156. Agave

414157. Agave

Grown in the Missouri Bot. Gardens, St. Louis. August: 1899.

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4158. Agave

4159. Agave

4160. Agave

4161. Agave

4162. Agave

4163. Agave

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4165. Plantago

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Grown in Missouri Bot. Gardens. St. Louis. August, 1899.

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4170.

4171. *Habermannia speciosa* (Nutt) Small.

n. sp.

4172.

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4178. *Oenothera laciniata* Hill.

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4182.

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Malv.

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41. 4186.

Vicia

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41. 4187. Festuca octoflora hirtella Piper  
grass May N.Y.

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41. 4189.

Umbelif

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Labiata

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41. 4191.

Baptisia

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41. 4192.

~~Baptisia~~

Baptisia

2

41. 4193.

grasses

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- 4194. <sup>y.</sup> #194 *Polisia zacatecana* R. S. Williams  
By August 26:33, 1923
- 4195. *Acaecella pulchra* Burdett & R. M. M.  
= 30082
- 4196. *Acaecella velutina* R. S. M.  
with 3345.
- 4197. *Amniza corporea* R. S. M.
- 4198. *Parosela involuta* Rydb. <sup>27</sup> <sup>✓</sup> <sup>err.</sup>  
with 7496
- 4199. *Parosela melantha* (Schauer) B. S. P.
- 4200. *Parosela trifoliolata* (Munz)  
Rydb.

J. M. R. Belwen Bolanos & Juado de Lara  
Sept. 20. 1897

"  
Sept. 15-17 1897

J. M. R. near San Blas, Tlaxi Aug 1897

near Hueyquibla, Jalisco Aug 21 1897

Rio Blanco Sept 1903

Sierra del Lathese 1903

near San Juan Capistrano, Tlaxcala 1897

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Botanic Garden, Washington DC. Aug. 1881.

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